



# SZABO SCANDIC

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## Produktinformation



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Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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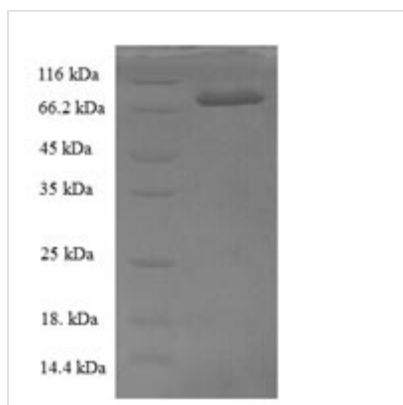
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# Recombinant Cucurbita maxima L-ascorbate oxidase (AAO)

|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>      | CSB-EP333022DZK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Relevance</b>         | May be involved in a redox syst involving ascorbic acid.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.                                                                                                                                                                                                                                                                                                                             |
| <b>Uniprot No.</b>       | P24792                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product Type</b>      | Recombinant Proteins                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen Species</b> | Cucurbita maxima (Pumpkin) (Winter squash)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Purity</b>            | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Sequence</b>          | SQIRHYKWEVEYMFWAPDCNENIVMGINGQFPGP TIRANAGDTVVELINKLH<br>TEGVVIHWHGILQRGTPWADGTASISQCAINPGETFFYNFTVDNPGTFFYHGH<br>LGMQRSAGLYGSLIVDPPQGKKEPFHYDGEINLLLSDWWHQSIHKQEVGLSS<br>KPIRWIGEPQTILLNGRGQFDCSIAAKYDSNLEPCKLKGSEPCAPYIFHVMPKK<br>TYRIRIASTTALAALNFAIGNHPLLVEADGNYVQPFYTSIDIDIYSGESYSVLITT<br>DQNPSENYWVSVGTRGRHPNTPPGLTLLNYLPNSVSKLPTSPPPETPAWDDF<br>DRSKNFTYRITAAMGSPKPPVKSNRRIFLLNTQNVINGYVKWAINDVSLALPPT<br>PYLGAMKFNLLHAFDQNPPEVFPEDYDIDTPPTNEKTKIGNGVYQFKIGEIVD<br>VILQNANMMKENLSEIHPWHLHGHDFWVLGYGDGKFTAEEESSLNLKNPPLR<br>NTVVIFPYGWTAIRFVADNPGVWAFHCHIEPHLMGMGVVFAEGVEKVGRIPT<br>KALACGGTAKSLINNP |
| <b>Research Area</b>     | Others                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>            | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Target Names</b>      | AAO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Expression Region</b> | 31?579aa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Notes</b>             | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Tag Info</b>          | N-terminal 6xHis-SUMO-tagged                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Mol. Weight</b>       | 74.3kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Protein Length</b>    | Full Length of Mature Protein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Image</b>             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.