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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

DAO (Human) Recombinant Protein (Q01)

Catalog Number: H00001610-Q01

Regulation Status: For research use only (RUO)

Product Description: Human DAO partial ORF (NP_001908, 119 a.a. - 218 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

PRELDMFPDYGYGWFHTSLILEGKNYLQWLTERLTER
GVKFFQRKVESFEEVAREGADVIVNCTGVWAGALQR
DPLLQPGRGQIMKVDAPWMKHFILTHD

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1610

Gene Symbol: DAO

Gene Alias: DAAO, DAMOX, MGC35381, OXDA

Gene Summary: This gene encodes the peroxisomal enzyme D-amino acid oxidase. The enzyme is a flavoprotein which uses flavin adenine dinucleotide (FAD) as its prosthetic group. Its substrates include a wide variety of D-amino acids, but it is inactive on the

naturally occurring L-amino acids. Its biological function is not known; it may act as a detoxifying agent which removes D-amino acids that accumulate during aging. In mice, it degrades D-serine, a co-agonist of the NMDA receptor. This gene may play a role in the pathophysiology of schizophrenia. [provided by RefSeq]