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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Ascorbate oxidase, acremonium sp

Cat. No.:	HY-P2742B	
CAS No.:	9029-44-1	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	Ascorbate oxidase, acremonium sp
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Ascorbate oxidase, acremonium sp is a member of the multicopper blue oxidase family and primarily exists in plants as a free enzyme in the cytoplasm or bound to the cell wall. Ascorbate oxidase, acremonium sp has a high activity in catalyzing the oxidation of ascorbic acid to dehydroascorbic acid, regulating various cellular processes related to plant growth, protection, and development. Ascorbate oxidase, acremonium sp can be used to detect hydrogen peroxide^[1].

REFERENCES

[1]. Tian T, et al. Ascorbate oxidase enabling glucometer readout for portable detection of hydrogen peroxide. Enzyme Microb Technol. 2022 Oct;160:110096.

Caution: Product has not been fully validated for medical applications. For research use only.

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