



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Ascorbate oxidase

Cat. No.:	HY-P2742		
CAS No.:	9029-44-1		
Target:	Endogenous Metabolite		
Pathway:	Metabolic Enzyme/Protease		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month

Ascorbate oxidase

BIOLOGICAL ACTIVITY

Description

Ascorbate oxidase, also known as vitamin C oxidase, is a REDOX enzyme involved in the regulation of extracellular matrix. Ascorbate oxidase catalyzes the reaction of ascorbic acid and oxygen to produce dehydroascorbic acid^{[1][2]}.

REFERENCES

[1]. De Tullio MC, et al. Ascorbate oxidase is the potential conductor of a symphony of signaling pathways. *Plant Signal Behav.* 2013 Mar;8(3):e23213. <https://pubmed.ncbi.nlm.nih.gov/23299329/>

[2]. Kim WS, et al. Measuring nitric oxide in single neurons by capillary electrophoresis with laser-induced fluorescence: use of ascorbate oxidase in diaminofluorescein measurements. *Anal Chem.* 2006 Mar 15;78(6):1859-65.

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

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