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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mn Superoxide dismutase

Cat. No.:	HY-E70378
CAS No.:	1569269-06-2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

Mn Superoxide dismutase

BIOLOGICAL ACTIVITY

Description

Mn Superoxide dismutase (Mn SOD) is an antioxidant enzyme present in mitochondria, which catalyzes the dismutation of superoxide anions ($O_2^{\cdot-}$) into oxygen (O_2) and hydrogen peroxide (H_2O_2). Mn Superoxide dismutase protects cells from oxidative damage and plays a role in transplant rejection, neurodegenerative diseases, cardiovascular diseases, and cancer [1].

REFERENCES

[1]. Demicheli V, et al., Human Mn-superoxide dismutase inactivation by peroxynitrite: a paradigm of metal-catalyzed tyrosine nitration in vitro and in vivo. *Metallomics*. 2018 May 23;10(5):679-695.

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

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