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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Cu/Zn Superoxide dismutase

Cat. No.:	HY-E70377	
Target:	SOD	
Pathway:	Immunology/Inflammation	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	Cu/Zn Superoxide dismutase

BIOLOGICAL ACTIVITY

Description	Cu/Zn Superoxide dismutase (Cu/Zn SOD; SOD1) is a cytosolic copper-zinc dimer form of superoxide dismutase enzyme. Cu/Zn Superoxide dismutase has oxygen radical enzymatic dismutation ^[1] .
In Vitro	Cu/Zn Superoxide dismutase (SOD1) is an ubiquitous cytosolic dimeric carbohydrate free molecule, belonging to a family of isoenzymes involved in the scavenger of superoxide anions. Cu/Zn Superoxide dismutase is secreted either constitutively or after depolarization induced by high extracellular K ⁺ concentration ^[1] . Cu/Zn Superoxide dismutase is able to stimulate, through muscarinic M1 receptor, pathways involving ERK1/2, and AKT activation ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Paolo Mondola, et al. The Cu, Zn Superoxide Dismutase: Not Only a Dismutase Enzyme. Front Physiol. 2016 Nov 29:7:594.

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

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