

Product Datasheet

Recombinant Human SOD1/Cu-Zn SOD Protein NBP1-99596-100ug

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP1-99596-100ug**Recombinant Human SOD1/Cu-Zn SOD Protein****Product Information**

Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Reconstitution Instructions	Reconstitute in H ₂ O to >100 g/ml. The solution can then be diluted into other aqueous buffers.
Purity	>98%, by SDS-PAGE
Buffer	Lyophilized
Target Molecular Weight	16.8 kDa

Product Description

Description	<p>Recombinant bioactive protein for Human SOD1/Cu-Zn SOD</p> <p>Source: <i>E. coli</i> Amino Acid Sequence: (P00441)</p> <p><i>This product is manufactured by Abcam and distributed by Novus Biologicals. (Abcam Catalog Number: ab112193)</i></p>
Gene Symbol	SOD1
Species	Human
Preparation Method	Determined to be >98% pure by SDS-PAGE
Details of Functionality	Recombinant Superoxide Dismutase is fully biologically active when compared to standard. Activity tests were carried using SOD activity assay kit. The activity assay kit showed that the calculated activity was ~40,000 U/mg. This was calculated from the amount (ug) required to inhibit the Xanthine Oxidase activity by 50%
Endotoxin Note	<0.1 ng/ug

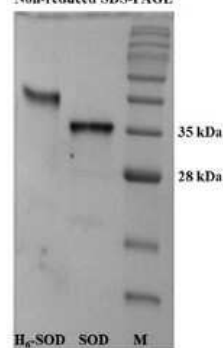
Product Application Details

Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Recombinant Human SOD1/Cu-Zn SOD Protein [NBP1-99596]

Non-reduced SDS-PAGE



20 µg purified protein were loaded onto the gel. The gel was Coomassie stained after the protein migration.



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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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