

# Product Datasheet

## Recombinant Human SOD1/Cu-Zn SOD Protein NBC1-18544

Unit Size: 0.1 mg

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBC1-18544**

## Recombinant Human SOD1/Cu-Zn SOD Protein

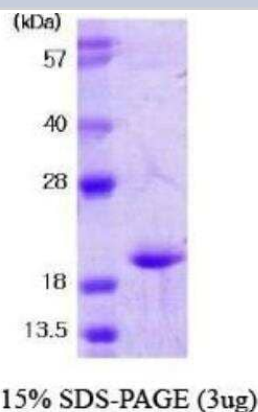
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 7.5), 10% Glycerol
Target Molecular Weight	15.9 kDa

Product Description	
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 1-154 of Human SOD1/Cu-Zn SOD</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MATKAVCVLK GDGPVQGIIN FEQKESNGPV KVGSIKGLT EGLHGFHVHE FGDNTAGCTS AGPHFNPLSR KHGGPKDEER HVGDLGNVTA DKDGVADVSI EDSVISLSGD HClIGRTLTVV HEKADDLGKG GNEESTKTGN AGSRLACGVI GIAQ</p>
Gene ID	6647
Gene Symbol	SOD1
Species	Human
Details of Functionality	Specific activity is > 500 units/mg, in which one unit will inhibit the rate of reduction of cytochrome c by 50% in a coupled system, using xanthine and Xanthine oxidase at pH 7.5 at 25C.
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Product Application Details	
Applications	SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Enzyme Activity

**Images**

SDS-Page: Recombinant Human SOD1/Cu-Zn SOD Protein [NBC1-18544] - SOD1, 15.9 kDa (154 aa) , confirmed by MALDI-TOF with a purity of 95% by SDS - PAGE





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### **Products Related to NBC1-18544**

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NBP2-34940-100ug	Recombinant Human SOD1/Cu-Zn SOD Protein
210-TA-005	TNF-alpha [Unconjugated]
NBP2-24915	SOD1/Cu-Zn SOD Antibody
M6000B-1	IL-6 [HRP]

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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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