

Product Datasheet

Recombinant Human SOD1/Cu-Zn SOD His (N-Term) Protein NBP2-34942-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-34942-100ug

Recombinant Human SOD1/Cu-Zn SOD His (N-Term) Protein

Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	39.9 kDa

Product Description	
Description	<p>A homodimer, non-glycosylated polypeptide chain containing two 189 amino acid chains with Met, Gly and 10x His at N-terminus corresponding to SOD1/Cu-Zn SOD Source: <i>E. coli</i></p> <p>Uniprot ID: P00441</p> <p>Amino Acid Sequence: MGHHHHHHHH HHSSGHIEGR HMTYARAAAR QARALEATKA VCVLKGDGPV QGIINFEQKE SNGPVKVVWS IKGLTEGLHG FHVHEFGDNT AGCTSAGPHF NPLSRKHGGP KDEERHVGDL GNVTADKDGV ADVSIEDSVI SLSGDHCIIIG RTLVVHEKAD DLGKGGNEES TKTGNAGSRL ACGVIGIAQ</p>
Gene ID	6647
Gene Symbol	SOD1
Species	Human
Details of Functionality	SOD1/Cu-Zn SOD protein is fully biologically active when compared to standard. The potency per mg was determined by pyrogallol autoxidation method and was found to be more than 1600 U/mg.
Endotoxin Note	Less than 1 EU/ug of SOD1/Cu-Zn SOD as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity



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Products Related to NBP2-34942-100ug

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]

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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