

Product Datasheet

Recombinant Human SOD1/Cu-Zn SOD Protein NBP2-34940-100ug

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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NBP2-34940-100ug

Recombinant Human SOD1/Cu-Zn SOD Protein

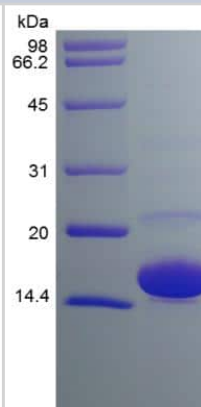
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge 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	31.6 kDa

Product Description	
Description	A homodimer, non-glycosylated polypeptide chain containing two 153 amino acid chains corresponding to SOD1/Cu-Zn SOD Source: <i>E. coli</i> Uniprot ID: P00441 Amino Acid Sequence: ATKAVCVLKG DGPVQGIINF EQKESNGPVK VWGSIKGLTE GLHGFHVHEF GDNTAGCTSA GPHFNPLSRK HGGPKDEERH VGD LGNVTAD KDG VADVSIE DSVISLSGDH CIIGRTL VVH EKADDLGKGG NEESTKTGNA GSRLACGVIG IAQ
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 3000 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

Images

SDS-Page: Human SOD1/Cu-Zn SOD Protein [NBP2-34940]





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Products Related to NBP2-34940-100ug

NBP3-14783-100ug	Recombinant Human SOD1/Cu-Zn SOD Pre-formed Fibrils 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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