

Product Datasheet

Recombinant Human SOD2/Mn-SOD His Protein NBP1-41138

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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NBP1-41138

Recombinant Human SOD2/Mn-SOD His Protein

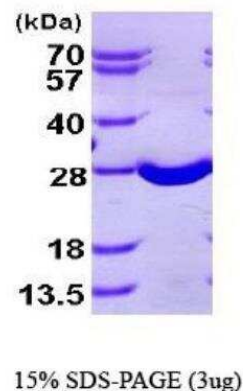
Product Information	
Unit Size	0.1 mg
Concentration	0.5 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH8.0), 20% glycerol
Target Molecular Weight	24.4 kDa

Product Description	
Description	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 25-222 of Human SOD2/Mn-SOD</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MKHSLPDLPY DYGALEPHIN AQIMQLHHSK HHAAYVNNLN VTEEKYQEAL AKGDVTAQIA LQPALKFNGG GHINHSIFWT NLSPNGGGEP KGELLEAIKR DFGSFDKFKELTAASVGVQ GSGWGWLGFN KERHGLQIAA CPNQDPLQGT TGLIPLLIGD VWEHAYYLQY KNVRPDYLKA IWNVINWENV TERYMACKK</p>
Gene ID	6648
Gene Symbol	SOD2
Species	Human
Details of Functionality	Specific activity is > 1,000 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.

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

Images

SDS-Page: Recombinant Human SOD2/Mn-SOD Protein [NBP1-41138]
 - Superoxide Dismutase 2 Protein SOD2, 24.4kDa (219aa), confirmed by MALDI-TOF with a purity of 95% by SDS - PAGE





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Products Related to NBP1-41138

NBP2-52079-0.1mg	Recombinant Mouse SOD2/Mn-SOD His Protein
210-TA-005	TNF-alpha [Unconjugated]
NB100-1992	SOD2/Mn-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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