

Product Datasheet

Recombinant Mouse Peroxiredoxin 2 His Protein NBP2-61185-20ug

Unit Size: 20 ug

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

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NBP2-61185-20ug**Recombinant Mouse Peroxiredoxin 2 His Protein**

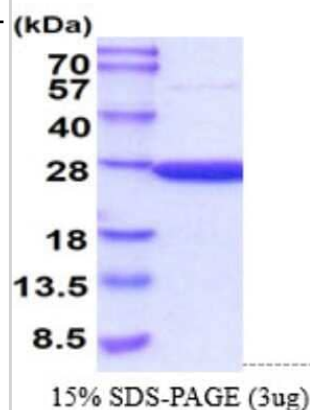
Product Information	
Unit Size	20 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1 mM DTT
Target Molecular Weight	24.3 kDa

Product Description	
Description	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-198 of Mouse Peroxiredoxin 2alpha</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMASGNA QIGKSAPDFT ATAVVDGAFK EIKLSDYRGK YVVLFFYPLD FTFVCPTTEI AFSDHAEDFR KLGCEVLGVS VDSQFTHLAW INTPRKEGGL GPLNIPLLAD VTKLSQNYG VLKNDEGIAY RGLFIIDAKG VLRQITVNDL PVGRSVDEAL RLVQAFQYTD EHGEVCPAGW KPGSDTIKPN VDDSKEYFSK HN</p>
Gene ID	7001
Gene Symbol	PRDX2
Species	Mouse
Details of Functionality	Specific activity is > 3,000 pmol/min/ug, Activity is defined as the amount of hydroperoxide that 1ug of enzyme can reduce at 25C for minute.

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

Images

SDS-Page: Recombinant Mouse Peroxiredoxin 2 Protein [NBP2-61185] - 15 % SDS-PAGE (3ug)



Publications

Yang Du, Jinjin Wang, Jia Zhang, Ning Li, Guangshuo Li, Xinmin Liu, Yijun Lin, Dandan Wang, Kaijiang Kang, Liheng Bian, Xingquan Zhao Intracerebral hemorrhage-induced brain injury in mice: The role of peroxiredoxin 2-Toll-like receptor 4 inflammatory axis CNS Neuroscience & Therapeutics 2024-03-22 [PMID: 38516845]





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Products Related to NBP2-61185-20ug

NBP2-52150-0.1mg	Recombinant Rat Peroxiredoxin 2 His Protein
210-TA-005	TNF-alpha [Unconjugated]
H00007001-M01	Peroxiredoxin 2 Antibody (4E10-2D2)
DVE00	VEGF [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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