

Product Datasheet

Recombinant Rat Peroxiredoxin 2 His Protein NBP2-52150-0.1mg

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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NBP2-52150-0.1mg

Recombinant Rat Peroxiredoxin 2 His Protein

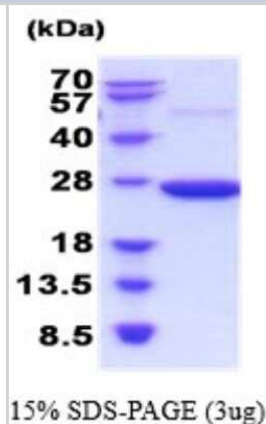
Product Information	
Unit Size	0.1 mg
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>90%, by SDS-PAGE
Buffer	PBS (pH 7.4), 10% glycerol, 1 mM DTT
Target Molecular Weight	24.3 kDa

Product Description	
Description	<p>A recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-198 of Rat Peroxiredoxin 2</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MGSHTMASGNA HIGKPAPDFT GTAVVDGAFK EIKLSDYRGK YVVLFFYPLD FTFVCPTEII AFSDHAEDFR KLGCEVLGVS VDSQFTHLAW INTPRKEGGL GPLNIPLAD VTKLSQNYG VLKNDEGIAY RGLFIIDAKG VLRQITVNDL PVGRSVDEAL RLVQAFQYTD EHGEVCPAGW KPGSDTIKPN VDDSKEYFSK HN</p>
Gene ID	7001
Gene Symbol	PRDX2
Species	Rat

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

Images

SDS-Page: Recombinant Rat Peroxiredoxin 2 Protein [NBP2-52150] - 15% SDS Page (3 ug)



Publications

Ye F, Yang J, Holste KG et al. Characteristics of activation of monocyte-derived macrophages versus microglia after mouse experimental intracerebral hemorrhage *Journal of cerebral blood flow and metabolism : official journal of the International Society of Cerebral Blood Flow and Metabolism* 2023-04-27 [PMID: 37113078]

Chen T, Tan X, Xia F et al. Hydrocephalus Induced by Intraventricular Peroxiredoxin-2: The Role of Macrophages in the Choroid Plexus *Biomolecules* 2021-04-29 [PMID: 33946699]

Zhang J, Novakovic N, Hua Y et al. Role of lipocalin-2 in extracellular peroxiredoxin 2-induced brain swelling, inflammation and neuronal death *Experimental Neurology* [PMID: 33129840]

Tan X, Chen J, Keep RF et al. Prx2 (Peroxiredoxin 2) as a Cause of Hydrocephalus After Intraventricular Hemorrhage *Stroke* 2020-05-01 [PMID: 32279622] (Rat)

Bian L, Zhang J, Wang M et al. Intracerebral Hemorrhage-Induced Brain Injury in Rats: the Role of Extracellular Peroxiredoxin 2 *Transl Stroke Res* 2019-07-04 [PMID: 31273681]





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Products Related to NBP2-52150-0.1mg

NBP2-61185-20ug	Recombinant Mouse 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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