

Product Datasheet

Recombinant Human Peroxiredoxin 2 Protein NBC1-25855

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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NBC1-25855**Recombinant Human Peroxiredoxin 2 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	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol
Target Molecular Weight	21.8 kDa

Product Description

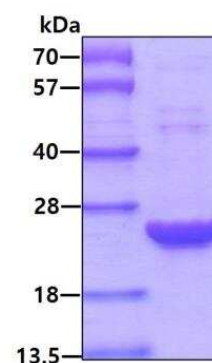
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 1-198 of Human Peroxiredoxin 2</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MASGNARIGK PAPDFKATAV VDGAfKEVKL SDYKGKYVVL FFYPLDFTFV CPTETIAFSN RAEDFRKLGC EVLGVSVD SQ FTHLAWINTP RKEGGLGPLN IPLLADVTRR LSEDYGV LKT DEGIAYRGLF IIDGKGVLRQ ITVNDLPVGR SVDEALRLVQ AFQYTDEHGE VCPAGWKPGS DTIKPNVDDS KEYFSKHN</p>
Gene ID	7001
Gene Symbol	PRDX2
Species	Human
Details of Functionality	Specific activity is >2,000 pmol/min/ug. Enzymatic 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 Human Peroxiredoxin 2 Protein [NBC1-25855]
- 3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.



Publications

Beyrath J, Pellegrini M, Renkema H et al. KH176 Safeguards Mitochondrial Diseased Cells from Redox Stress-Induced Cell Death by Interacting with the Thioredoxin System/Peroxiredoxin Enzyme Machinery Sci Rep 2018-04-26 [PMID: 29700325] (BA, Human)





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Products Related to NBC1-25855

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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