

Product Datasheet

Recombinant Human Peroxiredoxin 6 His Protein NBP1-30188

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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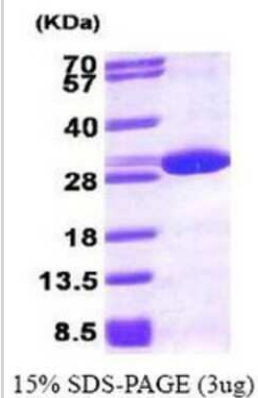
NBP1-30188

Recombinant Human Peroxiredoxin 6 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	>95%, by SDS-PAGE
Buffer	20 mM Tris-HCl buffer (pH8.0), 20% Glycerol
Target Molecular Weight	27.1 kDa
Product Description	
Description	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 1-224 of Human Peroxiredoxin 6</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MGSSHHHHHH SGLVPRGSH MPGGLLLGDV APNFEANTTV GRIRFHDFLG DSWGILFSHP RDFTPVCTTE LGRAAKLAPE FAKRNVKLI LSIDSVEDHL AWSKDINAYN CEEPTEKLPF PIIDDRNREL AILLGMLDPA EKDEKGMPVT ARVVFVFGPD KKLKLSILYP ATTGRNFDEI LRVVISLQLT AEKRVATPVD WKDGDSVMVL PTIPEEEAKK LFPKGVFTKE LPSGKKYLRYPQ</p>
Gene ID	9588
Gene Symbol	PRDX6
Species	Human
Reactivity Notes	Analogous biological activity in mouse tissues/cells reported in scientific literature (PMID: 23792683)
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 1minute.
Product Application Details	
Applications	In vitro assay, SDS-Page
Recommended Dilutions	In vitro assay, SDS-Page
Application Notes	Use In vitro reported in scientific literature (PMID 26553463).

Images

SDS-Page: Recombinant Human Peroxiredoxin 6 Protein [NBP1-30188]
- Peroxiredoxin 6, 27.1 kDa (244aa), confirmed by MALDI-TOF with a purity of 95% by SDS - PAGE



Publications

Zimble DL, Eddy JL, Schroeder JA, Lathem WW. Inactivation of peroxiredoxin 6 by the Pla protease of *Yersinia pestis*. *Infect. Immun.* 2015-11-09 [PMID: 26553463] (In vitro)

Deeb RS, Nuriel T, Cheung C et al. Characterization of a Cellular Denitrase Activity that Reverses Nitration of Cyclooxygenase. *Am J Physiol Heart Circ Physiol* 2013-06-21 [PMID: 23792683] (WB, Mouse)



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Products Related to NBP1-30188

NBP1-90332PEP	Peroxiredoxin 6 Recombinant Protein Antigen
NBP1-32822	Nrf2 Antibody
H00009588-M01	Peroxiredoxin 6 Antibody (3A10-2A11)
NB200-106	p19ARF/CDKN2A Antibody - BSA Free

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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