

Product Datasheet

Recombinant Human Peroxiredoxin 3 Protein NBC1-27993

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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NBC1-27993**Recombinant Human Peroxiredoxin 3 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 (pH 8.0), 10% glycerol
Target Molecular Weight	21.5 kDa

Product Description

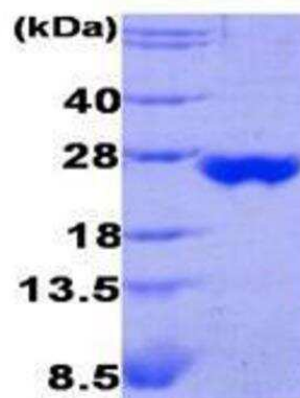
Description	<p>An un-tagged recombinant protein corresponding to the amino acids 63-256 of Human Peroxiredoxin 3</p> <p>Source: <i>E.coli</i></p> <p>Amino Acid Sequence: MPAVTQHAPY FKGTAVVNGE FKDLSLDDFK GKYLVLFFYP LDFTFVCPTE IVAFSDKANE FHDVNCEVVA VSVDSHFSL AWINTPRKNG GLGHMNIALL SDLTQISRD YGVLLGSGSL ALRGLFIIDP NGVIKHLNVN DLPVGRSVEE TLRLVKAFQY VETHGEVCPA NWTPDSPTIK PSPAASKEYF QKVNQ</p>
Gene ID	10935
Gene Symbol	PRDX3
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 1minute.

Product Application Details

Applications	Microarray, SDS-Page, Enzyme Activity
Recommended Dilutions	SDS-Page, Microarray, Enzyme Activity
Application Notes	Use in Microarray reported in scientific literature (PMID:35059422)

Images

SDS-Page: Recombinant Human Peroxiredoxin 3 Protein [NBC1-27993]
- 15% SDS-PAGE (3ug)



Publications

Qi S, Li J, He X et al. Identification and Validation of Novel Serum Autoantibodies Biomarkers for Staging Liver Fibrosis in Patients With Chronic Hepatitis B *Frontiers in medicine* 2022-01-04 [PMID: 35059422] (MiAr)





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Products Related to NBC1-27993

NBP2-38486PEP	Peroxiredoxin 3 Recombinant Protein Antigen
210-TA-005	TNF-alpha [Unconjugated]
NBP2-19777	Peroxiredoxin 3 Antibody - BSA Free
NBP1-32822	Nrf2 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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