

# 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**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Preservative</b>	No Preservative
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol
<b>Target Molecular Weight</b>	21.5 kDa

**Product Description**

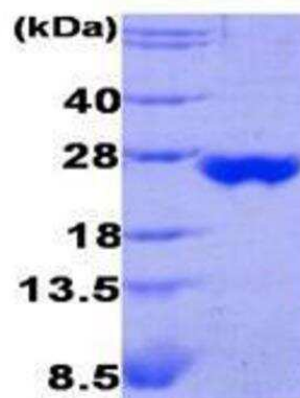
<b>Description</b>	<p>An un-tagged recombinant protein corresponding to the amino acids 63-256 of Human Peroxiredoxin 3</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MPAVTQHAPY FKGTAVVNGE FKDLSLDDFK GKYLVLFFYP LDFTFVCPTE IVAFSDKANE FHDVNCEVVA VSDSHFSL AWINTPRKNG GLGHMNIALL SDLTQISR D YGVLLLEGSL ALRGLFIIDP NGVIKHL SVN DLPVGRSVEE TLRLVKAFQY VETHGEVCPA NWTPDSPTIK PSPAASKEYF QKVNQ</p>
<b>Gene ID</b>	10935
<b>Gene Symbol</b>	PRDX3
<b>Species</b>	Human
<b>Details of Functionality</b>	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**

<b>Applications</b>	Microarray, SDS-Page, Enzyme Activity
<b>Recommended Dilutions</b>	SDS-Page, Microarray, Enzyme Activity
<b>Application Notes</b>	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**

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

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### **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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