

# Product Datasheet

## Recombinant Human Peroxiredoxin 4 His Protein NBP1-41141

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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Updated 10/23/2024 v.20.1

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**NBP1-41141****Recombinant Human Peroxiredoxin 4 His 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>	>90%, by SDS-PAGE
<b>Buffer</b>	20 mM Tris-HCl buffer (pH 8.0), 10% glycerol
<b>Target Molecular Weight</b>	28.8 kDa

**Product Description**

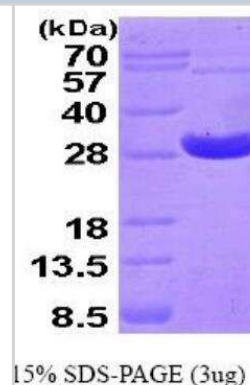
<b>Description</b>	<p>A bioactive recombinant protein with a N-Terminal His-tag and corresponding to the amino acids 38-271 of Human Peroxiredoxin 4</p> <p><b>Source:</b> <i>E.coli</i></p> <p><b>Amino Acid Sequence:</b> MGSSHHHHHH SSGLVPRGSH MWETEERPRT REEECHFYG GQVYPGEASR VSVADHSLHL SKAKISKAP YWEGTAVIDG EFKELKLT DY RGKYL VFFFY PLDFTFVCPT EIIAFGDRLE EFRSINTEVV ACSVDSQFTH LAWINTPRRQ GGLGPIRIPL LSDLTHQISK DYGVYLED SG HTLRGLFIID DKGILRQITL NDLPVGRSVD ETLRLVQAFQ YTDKHGEVCP AGWKPGSETI IPDPAGKLKY FDKLN</p>
<b>Gene ID</b>	10549
<b>Gene Symbol</b>	PRDX4
<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>	SDS-Page, Enzyme Activity
<b>Recommended Dilutions</b>	SDS-Page, Enzyme Activity

**Images**

SDS-Page: Recombinant Human Peroxiredoxin 4 Protein [NBP1-41141]  
- PRDX 4, 28.8 kDa (255aa), confirmed by MALDI-TOF with a purity of 95% by SDS - PAGE





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### **Products Related to NBP1-41141**

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NBP3-17000PEP	Peroxiredoxin 4 Recombinant Protein Antigen
NBP1-32822	Nrf2 Antibody
NBP2-02117	Peroxiredoxin 4 Antibody (OTI9A3)
NBP1-06274	GRP78/HSPA5 Antibody - BSA Free

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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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