

Recombinant Human PRDX1 Protein, His-tagged

Cat. No. PRDX1-504H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDX1 Protein(NP_002565.1) (Met 1-Lys 199) was expressed in E. coli, with a polyhistidine tag at the C-terminus.
Species	Human
Source	E. coli
ProteinLength	1-199 aa
Form	Lyophilized from sterile PBS, 10% glycerol, 0.1mM DTT, pH 7.5.
Molecular Mass	The recombinant human PRDX1 comprises 205 amino acids and has a predicted molecular mass of 22.9 kDa as estimated in SDS-PAGE under reducing conditions.
Purity	> 97 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.
protein Refseq-Weblink	http://www.ncbi.nlm.nih.gov/protein/NP_001189360.1

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Unit ID Q06830

Unit ID-Weblink <https://www.uniprot.org/uniprotkb/Q06830>

GENE INFORMATION

Gene Name PRDX1 peroxiredoxin 1 [Homo sapiens]

Official Symbol PRDX1

Synonyms PRDX1; peroxiredoxin 1; PAGA; peroxiredoxin-1; NKEFA; NKEF-A; thioredoxin peroxidase 2; proliferation-associated gene A; natural killer-enhancing factor A; proliferation-associated gene protein; natural killer cell-enhancing factor A; thioredoxin-dependent peroxide reductase 2; PAG; PAGB; PRX1; PRXI; MSP23; TDPX2;

Gene ID 5052

mRNA Refseq NM_001202431

protein Refseq NP_001189360

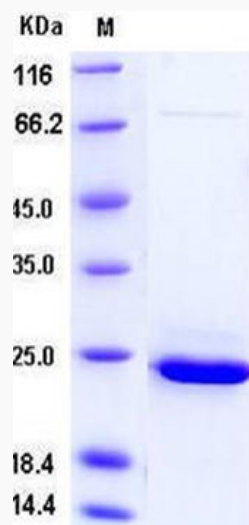
MIM 176763

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SDS-PAGE



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