

Recombinant Human PRDX2 protein, His-tagged

Cat. No. PRDX2-4027H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDX2 protein(P32119)(2-198aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-198aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	25.8 kDa
AA Sequence	ASGNARIGKPAPDFKATAVVDGAFKEVKLSDYKGKYVVLFFYPLDFTFVCPTEIIAFS NRAEDFRKLGCEVLGVSVDSQFTHLAWINTPRKEGGLGPLNIPLLADVTRRLSEYDG VLKTDEGIAYRGLFIIDGKGVLRLQITVNDLPVGRSVDEALRLVQAFQYTDEHGEVCPA GWKPGSDTIKPNVDDSKKEYFSKHN
Purity	Greater than 90% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [PRDX2 peroxiredoxin 2 \[Homo sapiens \]](#)

Official Symbol [PRDX2](#)

Synonyms

PRDX2; peroxiredoxin 2; TDPX1; peroxiredoxin-2; MGC4104; natural killer enhancing factor B; NKEFB; PRP; PRX2; PRXII; thiol specific antioxidant 1; thioredoxin peroxidase 1; thioredoxin dependent peroxide reductase 1; torin; TSA; NKEF-B; thiol-specific antioxidant 1; thiol-specific antioxidant protein; natural killer cell-enhancing factor B; thioredoxin-dependent peroxide reductase 1; TPX1;

Gene ID [7001](#)

mRNA Refseq [NM_005809](#)

Protein Refseq [NP_005800](#)

MIM [600538](#)

UniProt ID [P32119](#)

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