Recombinant Human PRDX2 protein, GST-tagged

Cat. No. PRDX2-336H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDX2 protein(NP_005800)(1-198 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-198 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	MASGNARIGKPAPDFKATAVVDGAFKEVKLSDYKGKYVVLFFYPLDFTFVCPTEIIAF SNRAEDFRKLGCEVLGVSVDSQFTHLAWINTPRKEGGLGPLNIPLLADVTRRLSEDY GVLKTDEGIAYRGLFIIDGKGVLRQITVNDLPVGRSVDEALRLVQAFQYTDEHGEVCP AGWKPGSDTIKPNVDDSKEYFSKHN
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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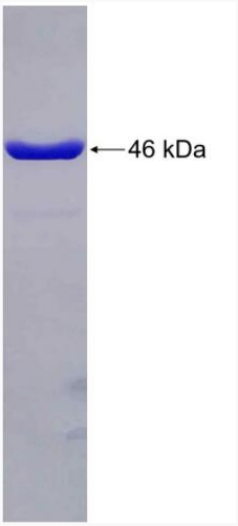
Reconstitution	Reconstitute at 0.25 ḡ/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage (see Stability and Storage for more details).

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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SDS-PAGE



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