

Recombinant Human PRX3 protein, GST-tagged

Cat. No. PRX3-30178H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRX3 (1-256 aa) protein, fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Gln256
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
AA Sequence	MAAAVGRLLRASVARHVS AIPWGISATAALRPAACGRTSLTNLLCSGSSQAKLFSTS SSCHAPAVTQHAPYFKGTAVVNGEFKDLSDDFKGGKYLVLFFYPLDFTFVCPTEIVAF SDKANEFHVDNCEVVAVSVDSHFSHLAWINTPRKNGGLGHMNIALLSDLTKQISRDY GVLLEGSGLALRGLFIIDPNGVIKHLVNDLPVGRSVEETLRLVKAFQYVETHGEVCP ANWTPDSPTIKPSPAASKEYFQKVNQ
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Stability	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
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

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

Gene Name	PRDX3 peroxiredoxin 3 [Homo sapiens (human)]
Official Symbol	PRX3
Synonyms	PRDX3; AOP1; MER5; AOP-1; SP-22; HBC189; PRO1748; prx-III
Gene ID	10935
mRNA Refseq	NM_001302272
Protein Refseq	NP_001289201
MIM	604769
UniProt ID	P30048

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