

Recombinant Human PRDX3 protein(63-256aa), His-tagged

Cat. No. PRDX3-0394H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDX3 protein(P30048)(63-256aa), fused with N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	63-256aa
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	25.5 kDa
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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. 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.

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AA Sequence

PAVTQHAPYFKGTAVVNGEFKDLSDDFKGGKYLVLFFYPLDFTFVCPTEIVAFSDKAN
 EFHDVNCEVVAVSVDSHFSHLAWINTPRKNGGLGHMNIALLSDLTKQISRDYGVLL
 GSGALRGLFIIDPNGVIKHLVNDLPVGRSVEETLRLVKAFQYVETHGEVCPANWT
 PDSPTIKPSPAASKEYFQKVNQ

GENE INFORMATION

Gene Name [PRDX3 peroxiredoxin 3 \[Homo sapiens \]](#)

Official Symbol [PRDX3](#)

Synonyms PRDX3; peroxiredoxin 3; antioxidant protein 1 , AOP1; thioredoxin-dependent peroxide reductase, mitochondrial; AOP 1; MER5; SP 22; peroxiredoxin-3; peroxiredoxin III; protein MER5 homolog; antioxidant protein 1; AOP1; AOP-1; SP-22; HBC189; PRO1748; prx-III; MGC24293; MGC104387;

Gene ID [10935](#)

mRNA Refseq [NM_006793](#)

Protein Refseq [NP_006784](#)

MIM [604769](#)

UniProt ID [P30048](#)

SDS-PAGE

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