

Recombinant Human PRDX6 protein, GST-tagged

Cat. No. PRDX6-1214H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDX6 protein(1-224 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-224 aa
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. The elution buffer contain 100mM GSH.
AA Sequence	MPGGLLLGDVAPNFEANTTVGRIRFHDFLGDSWGILFSHPRDFTPVCTTELGRAAKL APEFAKRNVKLIALSIDSVEDHLAWSKDINAYNCEEPTEKLPFPIIDDRNRELAILLGML DPAEKDEKGMPVTARVVFVFGPDKKLKLSILYPATTGRNFDEILRVVISLQLTAEKRV ATPVDWKDGD SVMVLPTIPEEEAKKLFPKGVFTKELPSGKKYLRYTPQP
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
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.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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storage.

GENE INFORMATION

Gene Name [PRDX6 peroxiredoxin 6 \[Homo sapiens \]](#)

Official Symbol [PRDX6](#)

Synonyms

PRDX6; peroxiredoxin 6; peroxiredoxin-6; 1 Cys; aiPLA2; AOP2; KIAA0106; MGC46173; NSGPx; p29; PRX; 1-Cys PRX; 24 kDa protein; 1-Cys peroxiredoxin; antioxidant protein 2; liver 2D page spot 40; red blood cells page spot 12; non-selenium glutathione peroxidase; acidic calcium-independent phospholipase A2; 1-Cys;

Gene ID [9588](#)

mRNA Refseq [NM_004905](#)

Protein Refseq [NP_004896](#)

MIM [602316](#)

UniProt ID [P30041](#)

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