

Recombinant Human PRDX5 protein, His-tagged

Cat. No. PRDX5-1154H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDX5 protein(isoform cytoplasmic + peroxisomal) (P30044-2) (Met 53-Leu 214) was expressed in E.coli, with a polyhistidine tag at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	53-214 aa
Form	Lyophilized from sterile 50mM Tris, pH 7.5.
Molecular Mass	The recombinant human PRDX5 comprises 173 amino acids and has a predicted molecular mass of 18.5 kDa as estimated in SDS-PAGE under reducing conditions.
Purity	> 95 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

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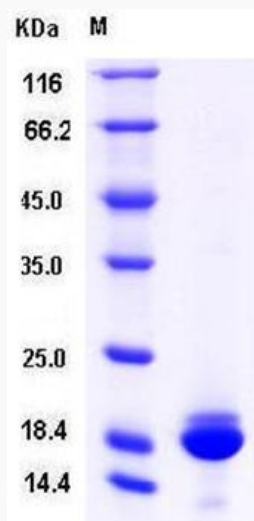
Gene Name	PRDX5 peroxiredoxin 5 [Homo sapiens]
Official Symbol	PRDX5
Synonyms	PRDX5; peroxiredoxin 5; peroxiredoxin-5, mitochondrial; ACR1; Alu co repressor 1; antioxidant enzyme B166; AOEB166; B166; liver tissue 2D page spot 71B; MGC117264; MGC142283; MGC142285; peroxisomal antioxidant enzyme; PLP; PMP20; PRDX6; PRXV; SBB10; thioredoxin peroxidase PMP20; TPx type VI; prx-V; peroxiredoxin V; alu corepressor 1; Alu co-repressor 1; thioredoxin reductase; liver tissue 2D-page spot 71B;
Gene ID	25824
mRNA Refseq	NM_012094
Protein Refseq	NP_036226
MIM	606583
UniProt ID	P30044

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SDS-PAGE



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