

Active Recombinant Mouse Prdx5 protein, His-tagged

Cat. No. Prdx5-2545M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prdx5 protein(P99029-1)(Met49-Leu210), fused with His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met49-Leu210
Form	Lyophilized from sterile PBS, pH 7.5Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its ability to reduce H2O2.The specific activity is > 100 pmoles/min/μg.
Molecular Mass	The recombinant mouse PRDX5 consisting of 173 amino acids and migrates as an approximately 18.5 kDa band in SDS-PAGE under reducing conditions as predicted.
Purity	> 92 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted 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

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0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Prdx5 peroxiredoxin 5 [Mus musculus]

Official Symbol Prdx5

Synonyms

PRDX5; peroxiredoxin 5; peroxiredoxin-5, mitochondrial; PLP; prx-V; peroxiredoxin 6; peroxiredoxin V; thioredoxin reductase; antioxidant enzyme B166; thioredoxin peroxidase PMP20; peroxisomal antioxidant enzyme; peroxisomal membrane protein 20; liver tissue 2D-page spot 2D-0014IV; AOPP; PrxV; Pmp20; Prdx6; AOEB166;

Gene ID 54683

mRNA Refseq NM_012021

Protein Refseq NP_036151

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