

Recombinant Mouse Prdx5 Protein, His-tagged

Cat. No. Prdx5-325M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prdx5(Met1~Leu210) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Leu210
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	23.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
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Reconstitution	Reconstitute in PBS or others.
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GENE INFORMATION

Gene Name	Prdx5 peroxiredoxin 5 [Mus musculus]
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Official Symbol	Prdx5
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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;
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Gene ID	54683
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mRNA Refseq	NM_012021
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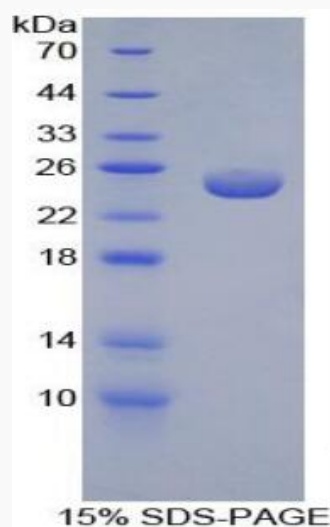
Protein Refseq	NP_036151
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UniProt ID	P99029
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