Recombinant Mouse Prdx3 Protein, His/GST-tagged

Cat. No. Prdx3-320M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prdx3(Pro64~Gln257) fused with His/GST tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Pro64~Gln257
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	51.56kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 92%
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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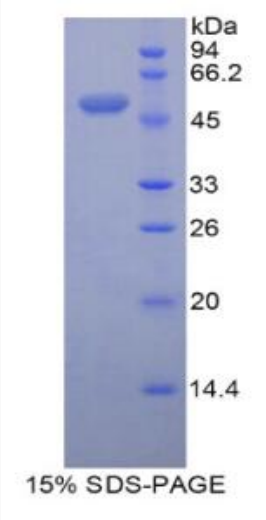
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Prdx3 peroxiredoxin 3 [Mus musculus]
Official Symbol	Prdx3
Synonyms	PRDX3; peroxiredoxin 3; thioredoxin-dependent peroxide reductase, mitochondrial; AOP-1; Prx III; perioredoxin-3; peroxiredoxin III; antioxidant protein; anti-oxidant protein 1; mitochondrial Trx dependent peroxide reductase; mitochondrial thioredoxin dependent peroxide reductase; Aop1; Ef2l; Mer5; Prx3; SP22; TDXM; D0Tohi1; AW822249;
Gene ID	11757
mRNA Refseq	NM_007452
Protein Refseq	NP_031478
UniProt ID	P20108



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