

Recombinant Mouse Prdx2 Protein, His-tagged

Cat. No. Prdx2-334H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prdx2(Ala6~Tyr164) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ala6~Tyr164
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	19.1kDa
Endotoxin	<1.0EU per 1g (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 [Prdx2 peroxiredoxin 2 \[Mus musculus \]](#)

Official Symbol [Prdx2](#)

Synonyms PRDX2; peroxiredoxin 2; peroxiredoxin-2; Prx II-1; Calpromotin; protector protein; thioredoxin reductase; thioredoxin peroxidase 1; Trx dependent peroxide reductase 1; thiol specific antioxidant protein; thiol-specific antioxidant protein; thioredoxin dependent peroxide reductase 1; thioredoxin-dependent peroxide reductase 1; TR; PRP; TPx; TSA; TDX1; NkefB; PrxII; TPx-B; Tdpx1; Torin; Band-8; AL022839;

Gene ID [21672](#)

mRNA Refseq [NM_011563](#)

Protein Refseq [NP_035693](#)

UniProt ID [Q61171](#)

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