

Recombinant Mouse Prdx4 Protein, His-tagged

Prdx4-323M Mouse

Lot. No. (See product label)

Specification

Product Overview	Recombinant Mouse Prdx4(Ser14~Thr258) fused with His tag at N-terminal was expressed in E. coli.
Source	E. coli
Species	Mouse
Tag	His
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	29.1kDa
Protein length	Ser14~Thr258
Endotoxin	<1.0EU per 1µg (determined by the LAL method)
Purity	>95%
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.
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	Prdx4 peroxiredoxin 4 [Mus musculus]
Official Symbol	Prdx4
Synonyms	PRDX4; peroxiredoxin 4; peroxiredoxin-4; Prx IV; peroxiredoxin IV; antioxidant enzyme AOE372; thioredoxin peroxidase A0372; thioredoxin-dependent peroxide reductase A0372; Prx4; TRANK; AOE372; Prx-iv;
Gene ID	53381
mRNA Refseq	NM_016764

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