

Recombinant Mouse Prdx4 Protein, Myc/DDK-tagged

Cat. No. Prdx4-5103M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length peroxiredoxin 4 (Prdx4), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Probably involved in redox regulation of the cell. Regulates the activation of NF-kappa-B in the cytosol by a modulation of I-kappa-B-alpha phosphorylation.
Molecular Mass	31.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Prdx4 peroxiredoxin 4 [Mus musculus (house mouse)]
Official Symbol	Prdx4
Synonyms	PRDX4; peroxiredoxin 4; peroxiredoxin-4; Prx IV; peroxiredoxin IV; antioxidant enzyme AOE372; thioredoxin peroxidase AO372; thioredoxin-dependent peroxide reductase A0372; Prx4; TRANK; AOE372; Prx-iv
Gene ID	53381
mRNA Refseq	NM_016764
Protein Refseq	NP_058044
UniProt ID	O08807

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