

## Recombinant Mouse Prdx3 Protein, MYC/DDK-tagged

Cat. No. Prdx3-611M Lot. No. (See product label)


### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of full-length mouse peroxiredoxin 3 (Prdx3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Involved in redox regulation of the cell. Protects radical-sensitive enzymes from oxidative damage by a radical-generating system.
<b>Molecular Mass</b>	28.1 kDa
<b>Purity</b>	>80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Prdx3 peroxiredoxin 3 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Prdx3
<b>Synonyms</b>	Prdx3; peroxiredoxin 3; Aop1; Ef2l; Mer5; Prx3; SP22; TDXM; D0Tohi1; AW822249; thioredoxin-dependent peroxide reductase, mitochondrial; AOP-1; Prx III; anti-oxidant protein 1; antioxidant protein; mitochondrial Trx dependent peroxide reductase; mitochondrial thioredoxin dependent peroxide reductase; periredoxin-3; peroxiredoxin III; thioredoxin-dependent peroxiredoxin 3; EC 1.11.1.24
<b>Gene ID</b>	11757
<b>mRNA Refseq</b>	NM_007452
<b>Protein Refseq</b>	NP_031478
<b>UniProt ID</b>	P20108

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