

Recombinant Mouse Prdx3

Cat. No. Prdx3-1026M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Peroxiredoxin (Prx) is a growing family, whose mammalian members have been known connect with cell proliferation, differentiation, and apoptosis.
Species	Mouse
Source	E.coli
Description	This gene encodes a protein with antioxidant function and is localized in the mitochondrion. This gene shows significant nucleotide sequence similarity to the gene coding for the C22 subunit of Salmonella typhimurium alkylhydroperoxide reductase.
Research Topic	Oxidative stress
Reconstitution	Reconstitute with 0.83ml distilled water to obtain 1.0mg/ml.

GENE INFORMATION

Gene Name	Prdx3 peroxiredoxin 3 [Mus musculus]
Official Symbol	Prdx3
Synonyms	Prdx3; Prdx3 peroxiredoxin 3 [Mus musculus]; Aop1; Ef2l; Mer5; Prx3; SP22; TDXM; D0Tohi1; AW822249; thioredoxin-dependent peroxide reductase, mitochondrial; AOP-1; Prx III; perioxedoxin-3; peroxiredoxin III; OTTMUSP00000023435; antioxidant protein; anti-oxidant protein 1; mitochondrial Trx dependent peroxide reductase;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

mitochondrial thioredoxin dependent peroxide reductase

Gene ID [11757](#)

mRNA Refseq [NM_007452](#)

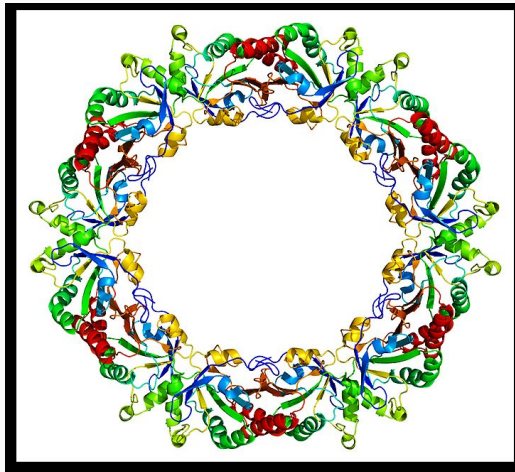
Protein Refseq [NP_031478](#)

UniProt ID [Q8K4K8](#)

Chromosome Location 19

Function antioxidant activity; caspase inhibitor activity; identical protein binding; kinase binding; oxidoreductase activity; peroxidase activity; peroxiredoxin activity; protein C-terminus binding; protein kinase binding

Peroxiredoxin 3



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