

# Thioredoxin-dependent peroxide reductase, mitochondrial

Catalog No: #AP78868

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Package Size: #AP78868-1 50ug #AP78868-2 100ug #AP78868-3 1mg

## Description

Product Name	Thioredoxin-dependent peroxide reductase, mitochondrial
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Human
Immunogen Description	62-256AA
Other Names	AOP1,Antioxidant protein 1,HBC189,Peroxiredoxin III,Peroxiredoxin-3,Protein MER5 homolog,AOP-1,Prx-III
Accession No.	P30048Gene name:PRDX3
Uniprot	P30048
GeneID	10935;
Calculated MW	21.45
Tag Info	His
Formulation	50mM NaH <sub>2</sub> PO <sub>4</sub> , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

Involved in redox regulation of the cell. Protects radical-sensitive enzymes from oxidative damage by a radical-generating system. Acts synergistically with MAP3K13 to regulate the activation of NF-kappa-B in the cytosol.

## References

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Note: This product is for in vitro research use only