

Recombinant Human PRDX4

Cat. No. PRDX4-1022H 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	Human
Source	E.coli
Description	The protein encoded by this gene is an antioxidant enzyme and belongs to the peroxiredoxin family. The protein is localized to the cytoplasm.
Storage	Peroxiredoxin IV is supplied with a vial of storage buffer (20mM HEPES, pH 7.0/10% glycerol). Store at -80°C.
Pathways	Selenium Pathway

GENE INFORMATION

Gene Name	PRDX4 peroxiredoxin 4 [Homo sapiens]
Official Symbol	PRDX4
Synonyms	PRDX4; peroxiredoxin 4; PRX-4; AOE37-2; prx-IV; peroxiredoxin IV; OTTHUMP00000023056; antioxidant enzyme AOE372; thioredoxin peroxidase A0372; thioredoxin peroxidase (antioxidant enzyme); thioredoxin-dependent peroxide reductase A0372

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Gene ID	10549
mRNA Refseq	NM_006406
Protein Refseq	NP_006397
MIM	606506
UniProt ID	Q13162
Chromosome Location	X
Function	oxidoreductase activity; thioredoxin peroxidase activity
Peroxiredoxin 4	