

Recombinant Full Length Human PRDX1 Protein, GST-tagged

Cat. No. PRDX1-1939H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRDX1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-199aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PRDX1 peroxiredoxin 1 [Homo sapiens]
Official Symbol	PRDX1
Synonyms	PRDX1; peroxiredoxin 1; PAGA; peroxiredoxin-1; NKEFA; NKEF-A; thioredoxin peroxidase 2; proliferation-associated gene A; natural killer-enhancing factor A; proliferation-associated gene protein; natural killer cell-enhancing factor A; thioredoxin-dependent peroxide reductase 2; PAG; PAGB; PRX1; PRXI; MSP23;

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	TDPX2;
Gene ID	5052
mRNA Refseq	NM_001202431
Protein Refseq	NP_001189360
MIM	176763
UniProt ID	Q06830
Chromosome Location	1p34.1
Pathway	Coregulation of Androgen receptor activity, organism-specific biosystem; Peroxisome, organism-specific biosystem; Peroxisome, conserved biosystem; Selenium Pathway, organism-specific biosystem;
Function	oxidoreductase activity; peroxidase activity; protein binding; thioredoxin peroxidase activity;

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