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Product datasheet for SC204267

Peroxiredoxin 1 (PRDX1) (NM_181697) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Peroxiredoxin 1 (PRDX1) (NM_181697) Human 3' UTR Clone
Symbol:	Peroxiredoxin 1
Synonyms:	MSP23; NKEF-A; NKEFA; PAG; PAGA; PAGB; PRX1; PRXI; TDPX2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_181697
Insert Size:	308 bp
Insert Sequence:	>SC204267 3'UTR clone of NM_181697 The sequence shown below is from the reference sequence of NM_181697. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGCAAAGAATATTTCTCCAAGCAGAAGTGAGCGCTGGGCTGTTTTAGTGCCAGGCTGCGGTGGGCAGCC ATGAGAACAAAACCTCTTCTGTATTTTTTTTTTCCATTAGTAAAACACAAGACTTCAGATTCAGCCGAA TTGTGGTGTCTTACAAGGCAGGCCTTTCCTACAGGGGGTGGAGAGACCAGCCTTTCTTCCTTTGGTAGG AATGGCCTGAGTTGGCGTTGTGGGCAGGCTACTGGTTTGTATGATGTATTAGTAGAGCAACCCATTAAT CTTTTGTAGTTTGTATTAAACTTGAACTGAGA ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_181697.3

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Summary: This gene encodes a member of the peroxiredoxin family of antioxidant enzymes, which reduce hydrogen peroxide and alkyl hydroperoxides. The encoded protein may play an antioxidant protective role in cells, and may contribute to the antiviral activity of CD8(+) T-cells. This protein may have a proliferative effect and play a role in cancer development or progression. Four transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jan 2011]

Locus ID: 5052

MW: 11.4