

## Product datasheet for **SC200136**

### Peroxiredoxin 4 (PRDX4) (NM\_006406) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	Peroxiredoxin 4 (PRDX4) (NM_006406) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	PRDX4
Synonyms:	AOE37-2; AOE372; HEL-S-97n; PRX-4
ACCN:	NM_006406
Insert Size:	92 bp
Insert Sequence:	>SC200136 3'UTR clone of NM_006406 The sequence shown below is from the reference sequence of NM_006406. The complete sequence of this clone may contain minor differences, such as SNPs. <b>Blue</b> =Stop Codon <b>Red</b> =Cloning site  GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AAGCTGAAGTATTTGATAAACTGAATTGAGAAATACTTCTTCAAGTTATGATGCTTGAAAGTTCTCAA TAAAGTTCACGGTTTCATTACCA <b>ACGCGT</b> AAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
Restriction Sites:	Sgfl-Mlul
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:	<u><a href="#">NM_006406.2</a></u>



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**Summary:** The protein encoded by this gene is an antioxidant enzyme and belongs to the peroxiredoxin family. The protein is localized to the cytoplasm. Peroxidases of the peroxiredoxin family reduce hydrogen peroxide and alkyl hydroperoxides to water and alcohol with the use of reducing equivalents derived from thiol-containing donor molecules. This protein has been found to play a regulatory role in the activation of the transcription factor NF-kappaB. [provided by RefSeq, Jul 2008]

**Locus ID:** 10549

**MW:** 3.7