

Product datasheet for **RC222186L3V**

Peroxiredoxin 1 (PRDX1) (NM_181696) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Peroxiredoxin 1 (PRDX1) (NM_181696) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Peroxiredoxin 1 |
| Synonyms: | MSP23; NKEF-A; NKEFA; PAG; PAGA; PAGB; PRX1; PRXI; TDPX2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_181696 |
| ORF Size: | 597 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC222186). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_181696.1 |
| RefSeq Size: | 1236 bp |
| RefSeq ORF: | 600 bp |
| Locus ID: | 5052 |
| UniProt ID: | Q06830 |
| Cytogenetics: | 1p34.1 |
| MW: | 21.9 kDa |



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Gene 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]