

Product datasheet for RN208912

Prdx6 (NM_053576) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prdx6 (NM_053576) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Prdx6
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208912 representing NM_053576 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCCCGGAGGGCTGCTTCTCGGGGACGAAGCCCCAACCTTTGAGGCCAATACCACCATCGGCCACATCC
GCTTCCACGATTTCTAGGAGATTCATGGGGCATTCTCTTTCCACCCACGGGACTTTACCCAGTGTG
CACCACAGAAGCTTGGCAGAGCTGCAAAGCTGGCGCCAGAGTTTGCCAAGAGGAATGTTAAGTTGATTGCT
CTTTCAATAGACTCTGTTGAGGACATTTTGCCTGGAGCAAGGACATCAATGCTTACAATGGTGCAGCAC
CCACAGAAAAGCTACCATTTCCATCATCGACGATAAGGACAGGGACCTTCCATCCTGTTGGGCATGTT
GGATCCAGCAGAGAAGGATGAAAAGGCATGCCCGTGACAGCCCGTGTGGTATTCAATTTTTGGCCCTGAC
AAGAACTAAAAGTGTCCATCCTCTACCCAGCCACCACGGGCAGAAAAGCTTTGATGAGATTCTCAGAGTGG
TTGACTCCCTCCAGCTGACAGCATCAAATCCAGTTGCCACTCCAGTTGACTGGAAGAAGGGAGAGAGTGT
GATGGTCTTCCACCCTCCCTGAAGAGGAAGCCAAACAAGCTTTCCCTAAAGGAGTCTTACCAAAGAG
CTCCCATCTGGCAAGAAATACCTCGTTATACGCCCCAGCCTTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAAGCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_053576
Insert Size:	675 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_053576.2</u> , <u>NP_446028.1</u>
RefSeq Size:	856 bp
RefSeq ORF:	675 bp
Locus ID:	94167
UniProt ID:	<u>O35244</u>
Cytogenetics:	13q22
Gene Summary:	catalyzes the catabolism of hydrogen peroxide and organic hydroperoxides [RGD, Feb 2006]