

Product datasheet for MR203317

Prdx3 (NM_007452) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Prdx3 (NM_007452) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Prdx3
Synonyms:	Aop1; AW822249; D0Tohi1; Ef2l; Mer5; Prx3; SP22; TDXM
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203317 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGGCAGCTGCGGGAAGTTGCTCTGGTCCTCGGTTGCTCGTCATGCAAGTGCTATTTCCGGAGTA
TTTCTGCCTCAACAGTTCTTAGGCCTGTTGCTTCTAGAAGAACCTGTTTGACAGACATACTGTGGTCTGC
CTCTGCCAAGGAAAGTCAGCCTTAGCACCAGTTCTCTTTCCACACCCTGCTGTCAACCAGCACGCG
CCCTATTTAAAGTACTGCTGTTGTCAATGGAGAGTTCAAAGAGCTGAGTCTCGACGACTTTAAGGGAA
AATACTTGGTGCTTTTCTTACCTTTGGATTTACATTTGTGTGCTCCTACAGAAATTGTGCTTTTCAG
TGACAAAGCCAATGAATTCATGATGTAAGTGTGAAGTGTGCAAGTTTCAAGTGGATTTCCACTTCAGT
CATCTTGCTGGATCAACACACCAAGAAAGAAATGGTGGTTTGGGCCACATGAACATCACACTGTTGTCGG
ATATAACTAAGCAGATATCCCGAGACTACGGAGTGTATTGAAAAGTGTGGCATTGCACTCAGAGGTCT
CTTCATTATTGACCCTAATGGTGTGCTCAAGCACCTGAGTGTCAACGACCTTCCGGTGGGCCGAGTGTG
GAAGAAACACTCCGTTTGGTAAAGGCGTTCCAGTTTGTAGAGACCCATGGAGAAGTCTGCCAGCCAAC
GGACACCAGATCCCCTACGATCAAGCCAAGTCCAACAGCTTCCAAGAGTACTTTGAGAAGGTCCATCA
G

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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: [NM_007452.1](#), [NM_007452.2](#), [NP_031478.1](#)

RefSeq Size: 1445 bp

RefSeq ORF: 774 bp

Locus ID: 11757

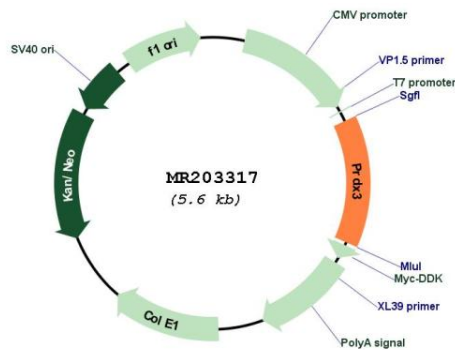
UniProt ID: [P20108](#)

Cytogenetics: 19 56.52 cM

MW: 28.1 kDa

Gene Summary: Thiol-specific peroxidase that catalyzes the reduction of hydrogen peroxide and organic hydroperoxides to water and alcohols, respectively. Plays a role in cell protection against oxidative stress by detoxifying peroxides.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203317