

Product datasheet for **RC221235A1V**

Human Peroxiredoxin 1 (PRDX1) (NM_002574) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human Peroxiredoxin 1 (PRDX1) (NM_002574) AAV Particle
Tag: Myc-DDK
Symbol: Peroxiredoxin 1
Synonyms: MSP23; NKEF-A; NKEFA; PAG; PAGA; PAGB; PRX1; PRXI; TDPX2
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC221235 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCTTCAGGAAATGCTAAAATTGGGCACCCTGCCCAACTCAAAGCCACAGCTGTTATGCCAGATG
 GTCAGTTTAAAGATATCAGCCTGTCTGACTACAAAGGAAAATATGTTGTGTTCTCTTTTACCCTCTTGA
 CTTACCTTTGTGTGCCCCACGGAGATCATTGCTTTGATGATAGGGCAGAAGAATTTAAGAACTCAAC
 TGCCAAGTGATTGGTGCTTCTGTGGATTCTCACTTCTGTATCATAGCATGGGTCAATACACCTAAGAAAC
 AAGGAGGACTGGGACCCATGAACATTCCTTTGGTATCAGACCCGAAGCGCACCATGCTCAGGATTATGG
 GGTCTTAAAGGCTGATGAAGGCATCTCGTTGAGGGCCTTTTTATCATTGATGATAAGGGTATTCTTCGG
 CAGATCACTGTAATGACCTCCCTGTTGGCCGCTCTGTGGATGAGACTTTGAGACTAGTTCAGGCCTTCC
 AGTTCACTGACAAACATGGGGAAGTGTGCCAGCTGGCTGAAACCTGGCAGTGATACCATCAAGCCTGA
 TGTCCAAAAGAGCAAAGAATATTTCTCCAAGCAGAAG

ACGGTACGGCGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC221235 protein sequence
 Red=Cloning site Green=Tags(s)

MSSGNAKIGHAPAPNFKATAVMPDGGQFKDISLSDYKGYVVFYPLDFTFVCPTEIIAFSDRAEEFKLN
 CQVIGASVDSHFCHLAWVNTPKKQGLGPMNIPLVSDPKRTIAQDYGVKKADEGISFRGLFIIDDKGILR
 QITVNDLPVGRSVDLRLVQAFQFTDKHGEVCPAGWKPGSDTIKPDVQKSKKEYFSKQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human



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Serotype:	AAV-2
ACCN:	NM_002574
ORF Size:	597 bp
Buffer:	PBS with 0.001% Pluronic F68
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_002574.2</u>
RefSeq Size:	1263 bp
RefSeq ORF:	600 bp
Locus ID:	5052
UniProt ID:	<u>Q06830</u>
Cytogenetics:	1p34.1
MW:	22.1 kDa