

Product datasheet for **RC218419A1V**

Human Peroxiredoxin 3 (PRDX3) (NM_014098) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Peroxiredoxin 3 (PRDX3) (NM_014098) AAV Particle
Tag:	Myc-DDK
Symbol:	Peroxiredoxin 3
Synonyms:	AOP-1; AOP1; HBC189; MER5; PRO1748; prx-III; SP-22
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC218419 representing NM_014098 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCGGCTGCTGTAGGACGGTTGCTCCGAGCGTCGGTTGCCCGACATGTGAGTGCCATTCCTTGGGGCA
TTTCTGCCACTGCAGCCCTCAGGCCTGCTGCATGTGGAAGAACGAGCTTGACAAATTTATTGTGTTCTGG
TTCCAGTCAAGCACCTATTTTAAGGGTACAGCCGTTGTCAATGGAGAGTTCAAAGACCTAAGCCTTGAT
GACTTTAAGGGGAAATATTTGGTGCTTTTCTTCTATCCTTTGGATTTACCTTTGTGTCTACAGAAA
TTGTTGCTTTTAGTGACAAAGCTAACGAATTTACGACGTGAAGTTGTGCGAGTCTCAGTGGA
TTCCCACTTTAGCCATCTTGCTGGATAAATACCAAGGAAGAATGGTGGTTTGGGCCACATGAACATC
GCACTCTGTGCACTTAACCTAAGCAGATTTCCCGAGACTACGGTGTGCTGTTAGAAGGTTCTGGTCTTG
CACTAAGAGGTCTCTTCATAATTGACCCCAATGGAGTCATCAAGCATTTGAGCGTCAACGATCTCCAGT
GGGCCGAAGCGTGGAAGAAACCCTCCGCTTGGTGAAGCGTTCAGTATGTAGAAACACATGGAGAAGTC
TGCCCAAGCAACTGGACACCGGATTCTCTACGATCAAGCCAAGTCCAGCTGCTTCAAAGAGTACTTTC
AGAAGGTAATCAG

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC218419 representing NM_014098 Red=Cloning site Green=Tags(s) MAAAVGRLLRASVARHVS AIPWGISATAALRPAACGRTSLTNLLCSGSSQAPYFKGTAVVNGEFKDL SLD DFKGKYLVLFFYPLDFTFVCPTEIVAFSDKANEFHDVNCEVVAVSVDSHFSLAWINTPRKNGGLGHMNI ALLSDLTKQISR DYGVLLLEG SGLALRGLFIIDPNGVIKHL SVNDLPVGRSVEETLRLVKAFQYVETHGEV CPANWTPDSPTIKPSPAASKEYFQKVNQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014098
ORF Size:	714 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_014098.2, NP_054817.2</u>
RefSeq Size:	1537 bp
RefSeq ORF:	717 bp
Locus ID:	10935
Cytogenetics:	10q26.11
MW:	25.7 kDa