

Product datasheet for RC210356A1V

Human PON1 (NM_000446) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human PON1 (NM_000446) AAV Particle
Tag: Myc-DDK
Symbol: PON1
Synonyms: ESA; MVCD5; PON
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC210356 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCGAAGCTGATTGCGCTCACCCCTTTGGGGATGGGACTGGCACTTTCAGGAACCACCAGTCTTCTT
 ACCAAACACGACTTAATGCTCTCCGAGAGGTACAACCCGTAGAACTTCCTAACTGTAATTTAGTTAAAGG
 AATCGAAACTGGCTCTGAAGACTTGGAGATACTGCCTAATGGACTGGCTTTCATTAGCTCTGGATTAAG
 TATCCTGGAATAAAGAGCTTCAACCCCAACAGTCCTGGAAAAATACTTCTGATGGACCTGAATGAAGAAG
 ATCCAACAGTGTGGAAATGGGGATCACTGGAAGTAAATTTGATGTATCTTCAATTAACCCCTCATGGGAT
 TAGCACATTCACAGATGAAGATAATGCCATGTACCTCCTGGTGGTGAACCATCCAGATGCCAAGTCCACA
 GTGGAGTTGTTTAAATTTCAAGAAGAAGAAAAATCGCTTTTGCATCTAAAAACCATCAGACATAAACTTC
 TGCCTAATTTGAATGATATTGTTGCTGTGGACCTGAGCACTTTTATGGCAGAAATGATCACTATTTTCT
 TGACCCCTACTTACAATCCTGGGAGATGATTTGGGTTTAGCGTGGTGTATGTTGTCTACTATAGTCCA
 AGTGAAGTTCGAGTGGTGGCAGAAGGATTTGATTTGCTAATGGAATCAACATTTCAACCCGATGGCAAGT
 ATGTCTATATAGCTGAGTTGCTGGCTCATAAGATTCATGTGTATGAAAAGCATGCTAATGGACTTTAAC
 TCCATTGAAGTCCCTTGACTTTAATACCCTCGTGGATAACATATCTGTGGATCCTGAGACAGGAGACCTT
 TGGGTTGGATGCCATCCAATGGCATGAAAATCTTCTTCTATGACTCAGAGAATCCTCCTGCATCAGAGG
 TGCTTCGAATCCAGAACATTCTAACAGAAGAACCTAAAGTGACACAGGTTTATGCAGAAAATGGCACAGT
 GTTGCAAGGCAGTACAGTTGCCTCTGTGTACAAAGGAAACTGCTGATTGGCACAGTGTTTCACAAGCT
 CTTTACTGTGAGCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC210356 protein sequence Red=Cloning site Green=Tags(s) MAKLIALTLLGMGLALFRNHQSSYQTRLNALREVQPVELPNCNLVKG IETGSEdleILPnGLAFISSGLK YPGIKSFNPNSPGKILLMDLNEEDPTVLELGITGSKFDVSSFNPHGISTFTDEDNAMYLLVNNHPDAKST VELFKFQEEEEKSLLHLKTIrHKLLPNLNDIVAVGPEHFYGTNDHYFLDPYLQSWEMYLGLAWSYVYYSP SEVRVVAEGFDFANGINISPDGKYVYIAELLAHKIHVYEKhanWTLPLKSLDFNTLVDNISVDPETGDL WVGCHPNGMKIFFYDSENPPASEVLRlQNILTEEPKVTQVYAENGTVLQGSTVASVYKGLLIGTVFHKA LYCEL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000446
ORF Size:	1065 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:	NM_000446.3
RefSeq Size:	1769 bp
RefSeq ORF:	1068 bp
Locus ID:	5444
UniProt ID:	P27169
Cytogenetics:	7q21.3
MW:	39.7 kDa