

Product datasheet for **RC230447A1V**

Human PC1/3 (PCSK1) (NM_001177875) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PC1/3 (PCSK1) (NM_001177875) AAV Particle
Tag:	Myc-DDK
Symbol:	PCSK1
Synonyms:	BMIQ12; NEC1; PC1; PC3; SPC3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>NM_001177875 ORF sequence, RC230447 may differ due to SNPs.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGGGAAGGGATCTATTTCTTTCTTCTTCAGCCAAATGGTTCACCTGAAAATCACTACTTATTC
AAACATAAAACACCCAGAGGTCTCGAAGGAGTGCCTTTCATATCACTAAGAGATTATCTGATGAT
GATCGTGTGATATGGGCTGAACAACAGTATGAAAAAGAAAGTAAACGTTTCAGCTCTAAGGGACTCA
GCACTAAATCTCTTCAATGATCCCATGTGGAATCAGCAATGGTACTTGCAAGATACCAGGATGACGGCA
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CATATGAAGCAGCCTCGTGTGTACACGTCTACAACACTGTTTCAAGTACAGAGAAGAGGGGTGGAGAAG
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CCCAGCAGCAGCAGCGTAGGGGGCCGGAGGGATGAGTTGGAGGAGGGAGCCCTTCCCAGGCCATGCTG
CGACTCTGCAAAGTGCTTTCACTAAAACTCACCGCCAAAGCAATCACCAAAGAAGTCCCCAAGTGCA
AAGCTCAACATCCCTTATGAAAACCTTACGAAGCCCTGGAAAAGCTGAACAAACCTTCCCAGCTTAAA
GACTCTGAAGACAGTCTGTATAATGACTATGTTGATGTTTTTATAACACTAAACCTTACAAGCACAGA
GACGACCGGCTGCTTCAAGCTCTGGTGGACATTCTGAATGAGGAAAAT
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Protein Sequence:	>Peptide sequence encoded by RC230447 Blue=ORF Red=Cloning site Green=Tag(s) MGKGSISFLFFSQIGSLENHYLFKHKNHPRRSRRSAFHITKRLSDDDRVIWAEQQYEKERSKRSALRDS ALNLFNDPMWNQQWYLQDTRMTAALPKLDLHVIPVWQKITGKGVVITVLDDGLEWNHTDIYANYDPEA SYDFNDNDHDPFPRYDPTNENKHGTRCAGEIAMQANNHKCGVGVAYNSKVGIRMLDGIVTDAIEASSI GFNPGHVDIYSASWGPNDGKTVEGPGRLAQKAFEYGVKQGRQKGSIFVWASGNGGRQGDNCDCDGYT DSIYTTISISSASQQGLSPWYAEKCSSTLATSYSYSGDYTDQRITSADLHNDCTETHTGTSASAPLAAGIF ALALEANPNLTWRDMQHLVWVTSEYDPLANNPGWKNGAGLMVNSRFGFLLNAKALVDLADPRTWRSV PEKKECVKDNDFEPRLKANGEVIEIPTRACEGQENAISLEHVQFEATIEYSRRGDLHVTLSAAG TSTVLLAERERDTSPNGFKNWDFMSVHTWGENPIGTWTLRITDMSGRIQNEGRIVNWKLIHGTSSQPE HMKQPRVYTSYNTVQNDRRGVEKMVDPGEEQPTQENPKENTLVSKSPSSSSVGRRDELEEGAPSQAML RLLQSAFSKNSPPKQSPKKSPSAKLNIPYENFYEALEKLNKPSQLKDESDLYNDYVDVFYNTKPYKHR DDRLLQALVDILNEEN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001177875
ORF Size:	2118 bp
Buffer:	PBS with 0.001% Pluronic F9800
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_001177875.2</u>
RefSeq Size:	4828 bp
RefSeq ORF:	2121 bp
Locus ID:	5122
UniProt ID:	<u>P29120</u>
Cytogenetics:	5q15
MW:	79 kDa