

Product datasheet for **RC230090A1V**

Human PC1/3 (PCSK1) (NM_001177876) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PC1/3 (PCSK1) (NM_001177876) AAV Particle
Tag:	Myc-DDK
Symbol:	PC1/3
Synonyms:	BMIQ12; NEC1; PC1; PC3; SPC3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC230090 representing NM_001177876 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGCTGGATGGCATTGTGACGGATGCTATTGAGGCCAGTTCAATTGGATTCAATCCTGGACACGTGGATA
TTTACAGTGCAAGCTGGGGCCCTAATGATGATGGGAAACTGTGGAGGGCCCTGGCCGGCTAGCCAGAA
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ACCTCGGCCTCTGCACCTCTGGCTGCTGGCATCTTCGCTCTGGCCCTGGAAGCAAACCCAAATCTCACCT
GGCGAGATATGCAGACCTGGTTGTCTGGACCTCTGAGTATGACCCGCTGGCCAATAACCTGGATGGAA
AAAGAATGGAGCAGGCTTGATGGTGAATAGTCGATTTGGATTGGCTTGCTAAATGCCAAAGCTCTGGTG
GATTTAGCTGACCCAGGACCTGGAGGAGCGTGCCTGAGAAGAAAGAGTGTGTTGTAAGGACAATGACT
TTGAGCCAGAGCCCTGAAAGCTAATGGAGAAGTTATCATTGAAATCCAACAAGAGCTTGTGAAGGACA
AGAAAATGCTATCAAGTCCCTGGAGCATGTACAATTTGAAGCAACAATTGAATATCCCGAAGAGGAGAC
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CTCCTAATGGCTTTAAGAATTGGGACTTCATGTCTGTTACACATGGGGAGAGAACCTATAGGTAAGTCTG
GACTTTGAGAATTACAGACATGTCTGGAAGAATCAAAATGAAGGAAGAATTGTGAAGTGAAGCTGATT
TTGCACGGGACCTCTTCTCAGCCAGAGCATATGAAGCAGCCTCGTGTGTACACGCTCTACAACACTGTTC
AGAATGACAGAAGAGGGGTGGAGAAGATGGTGGATCCAGGGGAGGAGCAGCCACACAAGAGAACCCTAA
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GGAGCCCTTCCAGGCCATGCTGCGACTCCTGCAAAAGTGCTTTCAAGTAAAACTCACCGCCAAAGCAAT
CACCAAAGAAGTCCCAAGTCAAAAGCTCAACATCCCTTATGAAAATCTACGAAGCCCTGGAAAAGCT
GAACAAACCTTCCAGCTTAAAGACTCTGAAGACAGTCTGTATAATGACTATGTTGATGTTTTTATAAC
ACTAAACCTTACAAGCACAGAGACGACCGGCTGCTTCAAGCTCTGGTGGACATTCTGAATGAGGAAAAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC230090 representing NM_001177876 Red=Cloning site Green=Tags(s) MLDGIVTDAIEASSIGFNPGHVDIYSASWGPNDGKTVEGPGRLAQKAFEYGVKQTSADLHNDCTETHTG TSASAPLAAGIFALALEANPNLTWRDMQHLVVTSEYDPLANNPGWKNGAGLMVNSRFGFGLLNAKALV DLADPRTWRSVPEKKECVVKDNDFEPRALKANGEVIEIPTRACEGQENAIKSLEHVQFEATIEYSRRGD LHVTLTSAAGTSTVLLAERERDTSPNGFKNWDFMSVHTWGENPIGTWTLRITDMSGRIQNEGRIVNWKLI LHGTSSQPEHMKQPRVYTSYNTVQNDRRGVEKMVDPGEEQPTQENPKENTLVSKSPSSSVGGRRDELEE GAPSQAMLRLLQSAFSKNSPPKQSPKSPSAKLNIPYENFYEALEKLNKPSQLKDSSEDSLYNDYVDVFYN TKPYKHRDDRLLQALVDILNEEN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001177876
ORF Size:	1329 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_001177876.1</u> , <u>NP_001171347.1</u>
RefSeq ORF:	1331 bp
Locus ID:	5122
Cytogenetics:	5q15
MW:	49.8 kDa