

Product datasheet for **RC222498A1V**

Human Proprotein Convertase 2 (PCSK2) (NM_002594) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Proprotein Convertase 2 (PCSK2) (NM_002594) AAV Particle
Tag:	Myc-DDK
Symbol:	PCSK2
Synonyms:	NEC-2; NEC 2; NEC2; PC2; SPC2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222498 representing NM_002594
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAAGGGTGGTTGTGTCTCCAGTGAAGGCGGCCCGGGTTCCTCTTCTGTGTATGGTTTTTGCAT
 CTGCTGAGCGACCGGTCTTACGAATCATTTTCTTGTGGAGTTGCATAAAGGGGAGAGGACAAAGCTCG
 CCAAGTTGCAGCAGAACACGGCTTTGGAGTCCGAAAGCTTCCCTTTGCTGAAGGTCTGTACCACTTTTAT
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 GGGTAAAGATGGCTTTGAGCAGGAAGGATTTGACCGAAAAAGCGAGGTTACAGAGACATCAATGAGAT
 CGACATCAACATGAACGATCTCTTTTACAAAGCAGTGGTATCTGATCAATACTGGGCAAGCTGATGGC
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 AGGTTGCAGGCATCCGGATGCTGGACCAGCCATTATGACAGACATCATCGAGGCCTCCTCCATCAGTCA
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 GCAACTGCACTCTGAGGCATTCTGGGACATCTGCAGCTGCCCCGAGGCAGCTGGTGTGTTTGCAGTGGC
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 CAGCTTCACGACGAGGTCCATCAGTGGCGGCGCAATGGGGTGGCCTGGAATTTAATCACCTCTTTGGCT
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 ACGCAACCAGAAGAGGAGACCTGAACATCAACATGACTTCCCCTATGGGCACCAAGTCCATTTTGTGAG
 CCGCGCTCCAAGGGATGACGACTCCAAGGTGGGCTTTGACAAGTGGCCTTTCATGACCACTCACACGTGG
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 TGAAGGAGTGGACCCTGATGCTGCATGGCACTCAGAGTGCCCCGTACATCGACCAGGTGGTGCGGGATTA
 CCAAGTCCAAGTTGGCCATGTCCAAGAAAGAGGAGCTGGAGGAAGAGCTGGACGAAGCCGTGGAGAGAAGC
 CTGAAAAGCATCCTTAACAAGAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222498 representing NM_002594 Red=Cloning site Green=Tags(s) MKGGCVSQWKAAGFLFCVMVFASAERPVTNHFLVELHKGGEDKARQVAAEHGFGVRKLPFAEGLYHFY HNGLAKAKRRSLHHKQQLERDPRVKMALQQEGFDRKKRGYRDINEIDINMNDPLFTKQWYLINTGQADG TPGLDLNVAEAWELGYTGKGVITIGIMDDGIDYLPDLASNYNAEASYDFSNDPYPYPRYTDDWFNSHGT RCAGEVSAANNNICGVGVAYNSKVAGIRMLDQPFMTDIEASSISHMPQLIDIYSASWGPTDNGKTVDG PRELTQAMADGVNKGKGGKSIYVWASGDGGSYDDCNCDDGYASSMWTISINSAINDGRTALYDESCSST LASTFSNGRKRNPAGVATTDLYGNCCLRHSSTAAAPEAAGVFALALEANLGLTWRDMQHLTVLTSKRN QLHDEHVQWRRNGVLEFNHLFGYGVLDAGAMVKMAKDWKTVPERFHCVGGSVQDPEKIPSTGKLVLT TDACEGKENFVRYLEHVQAVITVNATRRGDLINMTSPMGTKSILLRRRPRDDSKVGFDKWPFTTHTW GEDARGTWTLELGFVGSAPQKGVLEWTLMLHGTQSAPYIDQVVRDYQSKLAMSKKEELEELDEAVERS LKSILNKN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_002594
ORF Size:	1914 bp
Buffer:	PBS with 0.001% Pluronic F8516
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_002594.2</u>
RefSeq Size:	4745 bp
RefSeq ORF:	1917 bp
Locus ID:	5126
UniProt ID:	<u>P16519</u>
Cytogenetics:	20p12.1
MW:	70.57 kDa