

## Product datasheet for **RC217311A1V**

### Human PACE4 (PCSK6) (NM\_138325) AAV Particle

#### Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	PCSK6
Synonyms:	PACE4; SPC4
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



**ORF Nucleotide Sequence:** >RC217311 representing NM\_138325  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGCCTCCGCGCGCCGCTGCGCCCGGGCCCGGCCGCCCGGGCCGCCGCCACCGACCCG  
 CCGCGGGCGCGGGGGCGCGGGGGCGCGGGGGCGCCGCCGGCCCGGGTTCGGCCGCTCGCGCCGCG  
 TCCCTGGCGCTGGCTGCTGCTGCTGGCGCTGCCTGCCCTGCTCCGCGCCCCCGCCGCCCGCCCTAC  
 ACCAACCACTGGGCGGTGCAAGTGTGGCGGCCCGGCCGAGGCGGACCGCGTGGCGCGCGCACGGGT  
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 CAGGAAGTGAACGAAGGGTGAAGAGACAGGTGCGAAGTGACCCGACGGCCCTTACTTCAACGACCCCA  
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 GGCAGCGTGAAGAGGGCTACACAGGAAAAACGTGGTGGTACCATCCTTGATGATGGCATAGAGAGA  
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 AGCAAACAATTCCTACTGCATCGTGGGCATAGCGTACAATGCCAAAATAGGAGGCATCCGCATGCTGGAC  
 GCGCATGTACAGATGTGGTGGAGGCAAGTGTGGCATCAGACCCAACTACATCGACATTTACAGTG  
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 CGCGGGTCAATAAGTTAGCCATTTCTATGGATTTGGTTTGGTGGACGAGAAGCTCTCGTTGTTGGAGGCA  
 AAGAAGTGGACAGCAGTCCATCGCAGCACATGTGTGGCCGCTCCGGAACAAGAGACCCAGGAGCATCC  
 CCTTAGTGCAGGTGCTGCGGACTACGGCCCTGACCAGCGCCTGCGCGGAGCACTCGGACCAGCGGGTGGT  
 CTACTTGGAGCACGTGGTGGTTCGCACCTCCATCTCACACCACGCGGAGGAGACCTCCAGATCTACCTG  
 GTTCTCCCTCGGAACCAAGTCTCAACTCTGGCAAAGAGTTGCTGGATCTTCCAATGAAGGGTTTA  
 CAAACTGGGAATTCATGACTGTCCACTGTGGGGAGAAAAGGCTGAAGGGCAGTGGACCTTGGAAATCCA  
 AGATCTGCCATCCAGGTCCGCAACCCGGAGAAGCAAGGTGATCTTGAGACTCCTGTTGCAATCAACTG  
 ACCACAGAAGAGAGGTTCTGTTCCACACTCTCGATTCTGTTCCATTGGTCTGTATATCTATCTTGGAGTC  
 AGTACCATATTGTTTTGATCACTGTAGCTTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC217311 representing NM\_138325  
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MPPRAPPAPGPRPPRAAAATDTAAGAGGAGGAGGAGGPGFRPLAPRPWRLLLLALPAACSAPPPRPVY  
 TNHWAVQVLGGPAEADRVAAAAGHYLNLGQIGNLEDYYHFYHYSKTFKRSTLSSRGPHTFLRMDPQVKWLQQ  
 QEVKRRVKRQVRSQPALYFNDDPIWSNMWYLHCGDKNSRCRSEMNVQAAWKRGYTGKNVVVTILDGIER  
 NHPDLAPNYDSYASYDVNGNDYDPSPRYDASNENKHGTRCAGEVAASANNYSYIVGIAYNKIGGIRMLD  
 GDVTDVVEAKSLGIRPNYIDIYSASWGPDDDGKTVDPGRLAKQAFYEGIKKGRQGLSIFVWASNGGR  
 EGDYSCDGYTNSIYTSVSSATENGYKPWYLEECASTLATTYSSGAFYERKIVTTDLRQRCTDGHGTGS  
 VSAPMVAGIIALALEANSQLTWRDVQHLLVKTSRPAHLKASDWKVNAGAGHKVSHFYGFGLVDALVVEA  
 KKWTAVPSQHMVVAASDKRPRSIPLVQVLRRTALTSAEAHSDQRVVYLEHVVRVTSISHPRRGDLQIYL  
 VSPSGTKSLLAKRLDL SNEGFTNWFMTVHCWGEKAEGQWTLIQDLPSQVRNPEKQGDLETPVANQL  
 TTEERFVSTLSILFHWSVYLSWSQYHIVLITVAL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:** Human

<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_138325
<b>ORF Size:</b>	1992 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F7667
<b>Stability:</b>	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.
<b>RefSeq:</b>	<a href="#">NM_138325.2</a> , <a href="#">NP_612198.2</a>
<b>RefSeq Size:</b>	2358 bp
<b>RefSeq ORF:</b>	1995 bp
<b>Locus ID:</b>	5046
<b>UniProt ID:</b>	<a href="#">P29122</a>
<b>Cytogenetics:</b>	15q26.3
<b>MW:</b>	67 kDa