

Product datasheet for **MR210088A1V**

Mouse Pcsk9 (NM_153565) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Pcsk9 (NM_153565) AAV Particle
Tag:	Myc-DDK
Symbol:	Pcsk9
Synonyms:	AI415265; AI747682; FH3; HCHOLA3; Narc1; PC9
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210088 representing NM_153565
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCACCCACTGCTCTGCGTGGCTGCGGTGGCCGCTGTTGCCGCTGTTGCCGCCGCTGCTGCTGCTGT
 TGCTGCTACTGTGCCCCACCGCGCTGGTGCCAGGACGAGGATGGAGATTATGAAGAGCTGATGCTCGC
 CCTCCCGTCCCAGGAGGATGGCCTGGCTGATGAGGCCGCACATGTGCCACCGCCACCTTCGCCGTTGC
 TCCAAGGAGGCCTGGAGGCTGCCAGGAACCTACATTGTGGTGCTGATGGAGGAGACCCAGAGGCTACAGA
 TTGAACAACTGCCACCGCTCGAGACCCGGGCTGCCGCCGGGGCTATGTCATCAAGGTTCTACATAT
 CTTTTATGACCTCTTCCCTGGCTTCTTGGTGAAGATGAGCAGTGACCTGTTGGGCTGGCCCTGAAGTTG
 CCCCATGTGGAGTACATTGAGGAAGACTCCTTTGTCTTCGCCAGAGCATCCCATGGAACCTGGAGCGAA
 TTATCCCAGCATGGCACCAGACAGAGGAAGACCGCTCCCTGATGGAAGCAGCCAGGTGGAGGTGTATCT
 CTTAGATACCAGCATCCAGGCTGCCATCGGGAGATTGAGGGCAGGGTACCATCACCGACTTCAACAGC
 GTGCCGAGGAGGATGGGACACGCTTCCACAGACAGGCGAGCAAGTGTGACAGCCACGGCACCCACCTGG
 CAGGTGTGGTCAGCGGCCGGGATGCTGGTGTGGCCAAGGGCACCAGCCTGCACAGCCTGCGTGTGCTCAA
 CTGTCAAGGGAAGGGCACAGTCAGCGGCACCCTCATAGGCCTGGAGTTTATTTCGAAGAGTCAGCTAATC
 CAGCCCTCGGGGCCACTCGTGGTTCTGCTGCCCTGGCCGGTGGGTATAGCCGCATCCTCAACGCTGCCT
 GCCGGCACCTGGCGAGGACTGGGGTGGTGTGTTGCAGCAGCTGGGAACCTCCGGGACGACGCCTGCCT
 CTACTCCCAGCTTCTGCTCCAGAGGTATCACAGTCGGGGCCACGAATGCCAGGACGACGCTTACC
 TTGGGGACTTTGGGACTAATTTGGACGCTGTGTGGATCTCTTGGCCCCGGGAAGGACATCATCGGAG
 CGTCCAGTGACTGCAGCACATGCTTCATGTCACAGAGTGGGACCTCACAGGCTGCTGCCACGTGGCCGG
 CATTGTGGCTCGGATGCTGAGCCGGGAGCCACACTTACCCTGGCCGAGCTGCGGCAGAGGCTGATCCAC
 TTCTCTACCAAAGACGTCATCAACATGGCCTGGTTCCCTGAGGACCAGCAGGTGCTGACCCCCAACCTGG
 TGGCCACTGCCCCCAGCACCATGAGACAGCGGGCAGCTGCTCTGTAGGACGGTGTGGTCGGCACA
 CTCGGGGCCCACTCGAACAGCTACAGCTACAGCCCGCTGTGCCCCAGAAGAGGAGCTGCTGAGCTGCTCC
 AGCTTCTCCAGGAGCGGGAGGCGTCTGGTGATTGGATTGAGGCCATAGGAGGCCAGCAGGTCTGCAAGG
 CCCTCAATGCATTTGGGGTGGGGTGTCTATGCCGTCGCGAGATGCTGCCTGGTTCCCGTGCCAACTG
 CAGCATCCACAACCCCTGCAGCCAGAGCTGGCCTGGAGACCATGTCCACTGCCACCAGAAGGACCAT
 GTTCTCACAGGCTGCAGCTTCCATTGGGAAGTGAAGACCTTAGTGTCCGAGGCAGCCTGCGCTGAGGT
 CCAGACGTCAGCCTGGCCAGTGCCTGGCCACCAGGCGGCCAGTGTCTATGCTTCTGCTGCCATGCCCC
 AGGGCTGGAATGCAAAATCAAGGAGCATGGGATCTCAGGTCCTTCAGAGCAGGTCACTGTGGCCTGCGAA
 GCAGGATGGACCTGACTGGATGCAATGTGCTCCCTGGGGCATCCCTCACTCTGGGAGCCTACAGCGTGG
 ACAACCTGTGTGGCAAGAGTCCATGACACTGCCAGAGCAGACAGGACCAGTGGAGAAGCCACAGTAGC
 TGCTGCCATCTGCTGCCGGAGCCGGCCTTCAGCAAAGGCCTCCTGGGTTTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210088 representing NM_153565 Red=Cloning site Green=Tags(s) MGTHCSAWLRWPLLPLLPPLLLLLLLLLCPTGAGAQDEEDGDYEELMLALPSQEDGLADEAAHVATATFRRC SKEAWRLPGTYIVVLMEETQRLQIEQTAHRLQTRAARRGYVIKVLHIFYDLFPGFLVKMSSDLLGLALKL PHVEYIEEDSFVFAQSIPWNLRIIPAWHQTEEDRSPDGSSQVEVYLLDTSIQGAHREIEGRVTITDFNS VPPEEDGTRFHRQASKCDSHGTHLAGVVSGRDAGVAKGTSLSLHSLRVLNCQKGTVSGTLIGLEFIRKSQLI QPSGPLVVLPLAGGYSRILNAACRHLARTGVVLVAAAGNFRDDACLYSPASAPEVITVGATNAQDQPV LGTGTFNFGRCVDLFAPGKDIIIGASSDCSTCFMSQSGTSQAAAHVAGIVARMLSREPTLTLAELRQLIH FSTKDVINMAWFPEDQQVLTPLNVATLPPSTHETGGQLLCRTVWSAHSGPTRTATATARCAPEEELLSCS SFSRSGRRRGDWIEAIGGQQVCKALNAFGGEGVYAVARCLVPRANCSIHNTPAARAGLETHVHCHQKDH VLTGCSFHWEVDLSVRRQPALRSRRQPGQCVGHQAASVYASCCHAPGLECKIKEHGISGPSEQVTVACE AGWTLTGCNVLPGLSLTLGAYSVDNLCVARVHDTARADRTSGEATVAAAICCRSRPSAKASWVQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_153565
ORF Size:	2082 bp
Buffer:	PBS with 0.001% Pluronic F1186
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_153565.2, NP_705793.1</u>
RefSeq Size:	3512 bp
RefSeq ORF:	2085 bp
Locus ID:	100102
UniProt ID:	<u>Q80W65</u>
Cytogenetics:	4 C7
MW:	74.8 kDa