

Product datasheet for **RC208654A1V**

Human CD31 (PECAM1) (NM_000442) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD31 (PECAM1) (NM_000442) AAV Particle
Tag:	Myc-DDK
Symbol:	PECAM1
Synonyms:	CD31; CD31/EndoCAM; endoCAM; GPIIA'; PECA1; PECAM-1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC208654 representing NM_000442
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGCCGAGGTGGGCCAAGGGGCCACGATGTGGCTTGGAGTCTGCTGACCTTCTGCTCTGTTCAA
 GCCTTGAGGGTCAAGAAAACCTTTTACAATCAACAGTGTGACATGAAGAGCCTGCCGGACTGGACGGT
 GCAAAATGGGAAGAACCTGACCCTGCAGTGTCTCGCGGATGTCAGCACCACCTCTCACGTCAAGCCTCAG
 CACCAGATGCTGTTCTATAAGGATGACGTGCTGTTTTACAACATCTCCTCCATGAAGAGCACAGAGATT
 ATTTTATTCTGAAGTCCGGATCTATGACTCAGGGACATATAAATGTACTGTGATTGTGAACAACAAAGA
 GAAAACCACTGCAGAGTACCAGGTGTTGGTGAAGGAGTGCCAGTCCCAGGGTGACACTGGACAAGAAA
 GAGGCCATCAAGGTGGATCGTGAGGGTCACTGTTCTGTCCCAGAGGAAAAGGCCCAATACACTTCA
 CAATTGAAAACTTGAATAAATGAAAAATGGTCAAGCTGAAAAGAGAGAAGAATTCTCGAGACCAGAA
 TTTTGTGATACTGGAATTCCTGTTGAGGAACAGGACCGCGTTTTATCCTTCCGATGTCAAGCTAGGATC
 ATTTCTGGGATCCATATGCAGACCTCAGAATCTACCAAGAGTGAAGTGGTCAACGTGACGGAATCCTTCT
 CTACACCCAAGTTCACATCAGCCCCACCGGAATGATCATGGAAGGAGCTCAGCTCCACATTAAGTGCAC
 CATTCAAGTGAAGTCACTGAGGCGGAGGTTTCCAGAAATCATAATTGAGAAGGACAAGGCGATTGTGGCC
 CACAACAGACATGGCAACAAGGCTGTGTACTCAGTCAATGGCCATGGTGGAGCAGAGTGGCAACTACAGT
 GCAAAGTGGAGTCCAGCCGATATCCAAGTGCAGCAGTGTGGTCAACATAACAGAACTATTTTCAA
 GCCCGAAGTGAATCTTCTTCCACATCTGGACCAAGGTGAAAGACTGAACCTGTCCTGCTCCATCCCA
 GGAGCACCTCCAGCCAACTTACCATCCAGAAGGAAGATACGATTGTGTACAGACTCAAGATTTACCA
 AGATAGCCTCAAAGTCGGACAGTGGGACGTATATCTGCACTGCAGGTATTGACAAAGTGGTCAAGAAAAG
 CAACACAGTCCAGATAGTCGTATGTGAAATGCTCTCCAGGCCAGGATTTCTTATGATGCCAGTTTGAG
 GTCATAAAAGGACAGACCATCGAAGTCCGTTGCGAATCGATCAGTGGAACCTTGCCTATTTCTTACCAAC
 TTTTAAAAACAAGTAAAGTTTTGGAGAATAGTACCAAGAACTCAAATGATCCTGCGGTATTCAAAGACAA
 CCCCCTGAAGACGTCGAATACCAGTGTGTGAGATAATTGCCATTCCACGCCAAAATGTTAAGTGAG
 GTTCTGAGGGTGAAGGTGATAGCCCCGGTGGATGAGGTCCAGATTTCTATCCTGTCAAGTAAGGTGGTGG
 AGTCTGGAGAGGACATTGTGCTGCAATGTGCTGTGAATGAAGGATCTGGTCCCATCACCTATAAGTTTTA
 CAGAGAAAAAGAGGGCAAACCTTCTATCAAATGACCTCAAATGCCACCCAGGCATTTTGGACCAAGCAG
 AAGGCTAACAAGGAACAGGAGGGAGAGTATTACTGCACAGCCTTCAACAGAGCCAACCACGCCTCCAGTG
 TCCCCAGAAGCAAAATACTGACAGTCAAGTCAATTCTTGCCCCATGGAAGAAAGGACTTATTGCAAGTGGT
 TATCATCGGAGTGATCATTGCTCTCTTGATCATTGCGGCCAAATGTTATTTCTGAGGAAAGCCAAGGCC
 AAGCAGATGCCAGTGGAAATGTCCAGGCCAGCAGTACCACTTCTGAACTCCAACAACGAGAAAATGTCAG
 ATCCCAATATGGAAGCTAACAGTCATTACGGTCACAAATGACGATGTGGAAGACCATGCAATGAAACCAAT
 AAATGATAATAAAGAGCCTCTGAACTCAGACGTGCAGTACACGGAAGTCAAGTGTCTCAGCTGAGTCT
 CACAAAGATCTAGGAAAGAAGGACACAGAGACAGTGTACAGTGAAGTCCGGAAGCTGTCCCTGATGCCG
 TGGAAAGCAGATACTCTAGAACGGAAGGCTCCCTTGATGGAAT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208654 representing NM_000442 Red=Cloning site Green=Tags(s) MQPRWAQGATMWLGVLLTLLCSSLLEGQENSFTINSVDMKSLPDWTVQNGKNLTLQCFADVSTTSHVKPQ HQMFLYKDDVLFYNISSMKSTESYFIPEVRIYDSGYKCTVIVNNKEKTTAEYQVLVEGVSPRVTLDDK EAIQGGIVRVNCSVPPEEKAPIHFTIEKLELNEKVMKLRKNSRDQNFVILEFPVEEQDRVLSFRCQARI ISGIHMQTSESTKSELVTVTESFSTPKFHISPTGMIMEGAQLHIKCTIQVTHLAQEFPEIIQKDKAIVA HNRHGNKAVYSVMAMVEHSGNYTCKVESSRISKVSSIVVNI TELFSKPELESSFTHLDQGERLNLSCSIP GAPPANFTIQKEDTIVSQTQDFTKIASKSDSGTYICTAGIDKVVKKSNTVQIVVCEMLSQPRISYDAQFE VIKQGTIEVRCEISGTLPISYQLLKT SKVLENSTKNSNDPAVFKDNPTEDVEYQC VADNCHSHAKMLSE VLRVKVIAPVDEVQISILSSKVVESGDIVLQCAVNEGSGPITYKFYREKEGKPFYQMTSNATQAFWTKQ KANKEQEGEYYCTAFNRANHASSVPRSKILTVRVILAPWKKGLIAVVIIGVIIALLIIAAKCYFLRKAKA KQMPVEMSRPAVPLLNSNNEKMSDPNMEANSHYGHNDVGNHAMKPINDNKEPLNSDVQYTEVQVSSAES HKDLGKKDTETVYSEVRKAVPD AVE SRSRTEGSLDGT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000442
ORF Size:	2214 bp
Buffer:	PBS with 0.001% Pluronic F6301
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_000442.3, NP_000433.2</u>
RefSeq Size:	3754 bp
RefSeq ORF:	2217 bp
Locus ID:	5175
UniProt ID:	<u>P16284</u>
Cytogenetics:	17q23.3
MW:	82.4 kDa