

Product datasheet for **RC203254A1V**

Human CD36 (NM_000072) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD36 (NM_000072) AAV Particle
Tag:	Myc-DDK
Symbol:	CD36
Synonyms:	BDPLT10; CHDS7; FAT; GP3B; GP4; GPIV; PASIV; SCARB3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC203254 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGGCTGTGACCGGAACGTGGGCTCATCGTGGGGCTGTCATTGGTGTCTCCTGGCTGTGTTTGGAG
 GTATTCTAATGCCAGTTGGAGACCTGCTTATCCAGAAGACAATTAAGCAAGTTGTCCTCGAAGAAGG
 TACAATTGCTTTTAAAAATTGGTTAAAAACAGGCACAGAGTTTACAGACAGTTTGGATCTTTGATGTG
 CAAAATCCACAGGAAGTGATGATGAACAGCAGCAACATTCAAGTTAAGCAAGAGGTCTTATACGTACA
 GAGTTCGTTTTCTAGCCAAGGAAAAATGTAACCCAGGACGCTGAGGACAACACAGTCTCTTCTGCAGCC
 CAATGGTGCCATCTTCGAACCTTCACTATCAGTTGGAACAGAGGCTGACAACCTCACAGTTCTCAATCTG
 GCTGTGGCAGCTGCATCCCATATCTATCAAAATCAATTTGTTCAAATGATCCTCAATTCATTATTAACA
 AGTCAAAATCTTCTATGTTCCAAGTCAGAACTTTGAGAGAACTGTTATGGGGCTATAGGGATCCATTTT
 GAGTTTGGTTCCATACCTGTTACTACCACAGTTGGTCTGTTTTATCCTTACAACAATACTGCAGATGGA
 GTTTATAAAGTTTTCAATGGAAGATAACATAAGTAAAGTTGCCATAATCGACACATATAAAGGTAAAA
 GGAATCTGTCCTATTGGGAAAGTCACTGCGACATGATTAAATGGTACAGATGCAGCCTCATTTCCACCTTT
 TGTTGAGAAAAGCCAGGTATTGCAGTCTTTTCTTCTGATATTGCAGGTCAATCTATGCTGATTTGAA
 TCCGACGTTAATCTGAAAGGAATCCCTGTGTATAGATTGTTCTTCCATCCAAGGCCCTTGCCTCTCCAG
 TTGAAAACCCAGACAACATTGTTTCTGCACAGAAAAAATTATCTCAAAAAATTGTACATCATATGGTGT
 GCTAGACATCAGCAATGCAAGAAGGGAGACCTGTGTACATTTCACTTCCTCATTTTCTGTATGCAAGT
 CCTGATGTTTTCAGAACCTATTGATGGATTAAACCCAAATGAAGAAGACATAGGACATACTTGGATTG
 AACCTATACTGGATTCATTTACAATTTGCAAAACGGCTGCAGGTCAACCTATTGGTCAAGCCATCAGA
 AAAAAATCAAGTATTAAGAATCTGAAGAGGAACATATATTGTGCCTATTCTTTGGCTTAATGAGACTGGG
 ACCATTGGTGATGAGAAGGCAACATGTTCAGAAGTCAAGTAACTGGAATAAATCACTCTTGGCCTGA
 TAGAAATGATCTTACTCAGTGTTGGTGTGGTGTGTTTGTGCTTTTATGATTTTCAATTTGTGCATGCAG
 ATCGAAAAACAATAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203254 protein sequence
 Red=Cloning site Green=Tags(s)

MGCDRNCGLIAGAVIGAVLAVFGGILMPVGDLLIQKTIKKQVVLEEGTIAFKNWKVTGTEVYRQFWIFDV
 QNPQEVMMSSNIQVKQRGPYTYRVRFLAKENVTDQEDNTVSFLQPNGAIFEPSLSVGTEADNFTVLNL
 AVAAASHIYQNQFVQMILNSLINKSSMFQVRTLRELLWGYRDPFLSLVPYPVTTTGLFYFYPYNNADG
 VYKVFNGKDNISKVAIIDTYKGKRNL SYWESHCDMINGTDAASFPPFVEKSQVLQFFSSDICRSIYAVFE
 SDVNLKGIPVYRFVLPKAFASPVENPDNYCFCTEKIISKNTSYGVLDISKCKEGRPVYISLPFLYAS
 PDVSEPIDGLNPNEEHRTYLDIEPITGFTLQFAKRLQVNLVLPSEKIQVLKNLKRNYIVPILWLNETG
 TIGDEKANMFRSQVTGKINLLGLIEMILLSVGVMFVAFMISYCACRSKTIK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_000072

ORF Size:

1416 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_000072.2</u>
RefSeq Size:	2108 bp
RefSeq ORF:	1419 bp
Locus ID:	948
UniProt ID:	<u>P16671</u>
Cytogenetics:	7q21.11
MW:	53.1 kDa