

Product datasheet for **RC221976A1V**

Human CD36 (NM_001001548) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD36 (NM_001001548) 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:

>RC221976 representing NM_001001548
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGGCTGTGACCGGAACGTGGGCTCATCGTGGGGCTGCATTGGTGTCTCCTGGCTGTGTTTGGAG
 GTATTCTAATGCCAGTTGGAGACCTGCTTATCCAGAAGACAATTAAGCAAGTTGTCCTCGAAGAAGG
 TACAATTGCTTTTAAAAATTGGTTAAACAGGCACAGAGTTTACAGACAGTTTGGATCTTTGATGTG
 CAAAATCCACAGGAAGTGATGATGAACAGCAGCAACATTCAAGTTAAGCAAAGAGGTCTTATACGTACA
 GAGTTCGTTTTCTAGCCAAGGAAATGTAACCCAGGACGCTGAGGACAACACAGTCTCTTCTCGCAGCC
 CAATGGTGCCATCTTCGAACCTTCACTATCAGTTGGAACAGAGGCTGACAACCTCACAGTTCTCAATCTG
 GCTGTGGCAGCTGCATCCCATATCTATCAAAATCAATTTGTTCAAATGATCCTCAATTCATTATTAACA
 AGTCAAAATCTTCTATGTTCCAAGTCAGAACTTTGAGAGAACTGTTATGGGGCTATAGGGATCCATTTT
 GAGTTTGGTTCCATACCCTGTTACTACCACAGTTGGTCTGTTTTATCCTTACAACAATACTGCAGATGGA
 GTTTATAAAGTTTCAATGGAAGATAACATAAGTAAAGTTGCCATAATCGACACATATAAAGGTAAAA
 GGAATCTGTCCTATTGGGAAAGTCACTGCGACATGATTAATGGTACAGATGCAGCCTCATTTCCACCTTT
 TGTTGAGAAAAGCCAGGTATTGCAGTCTTTTCTTCTGATATTGTCAGGTCAATCTATGCTGATTTGAA
 TCCGACGTTAATCTGAAAGGAATCCCTGTGTATAGATTGTTCTTCCATCCAAGGCCCTTGCCTCTCCAG
 TTGAAAACCCAGACAACATTGTTTCTGCACAGAAAAAATTATCTCAAAAAATTGTACATCATATGGTGT
 GCTAGACATCAGCAATGCAAGAAGGGAGACCTGTGTACATTTCACTTCCTCATTTTCTGTATGCAAGT
 CCTGATGTTTCAAGAACCTATTGATGGATTAACCCAAATGAAGAAGACATAGGACATACTTGGATATTG
 AACCTATAACTGGATTCATTTACAATTTGCAAAACGGCTGCAGGTCAACCTATTGGTCAAGCCATCAGA
 AAAAAATCAAGTATTAAGAATCTGAAGAGGAACATATATTGTGCCTATTCTTTGGCTTAATGAGACTGGG
 ACCATTGGTGATGAGAAGGCAACATGTTCAAGTCAAGTAACTGGAATAAATCACTCCTTGGCCTGA
 TAGAAATGATCTTACTCAGTGTTGGTGTGGTGTGTTGCTTTTATGATTTTCAATTTGTGCATGCAG
 ATCGAAAAACAATAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC221976 representing NM_001001548
 Red=Cloning site Green=Tags(s)

MGCDRNCGLIAGAVIGAVLAVFGGILMPVGDLLIQKTIKKQVVLEEGTIAFKNWKVTGTEVYRQFWIFDV
 QNPQEVMMSSNIQVKQRGPYTYRVRFLAKENVTDQEDNTVSFLQPNGAIFEPSLSVGTEADNFTVLNL
 AVAAASHIYQNQFVQMILNSLINKSSMFQVRTLRELLWGYRDPFLSLVPYPVTTTGLFYYPYNNADG
 VYKVFNGKDNISKVAIIDTYKGKRNLSYWESHCDMINGTDAASFPPFVEKSQVLQFFSSDICRSIYAVFE
 SDVNLKGIPVYRFVLPKAFASPVENPDNYCFCTEKIISKNTSYGVLDISKCKEGRPVYISLPFLYAS
 PDVSEPIDGLNPNEEHRTYLDIEPITGFTLQFAKRLQVNLVLPSEKIQVLKNLKRNYIVPILWNETG
 TIGDEKANMFRSQVTGKINLLGLIEMILLSVGVMFVAFMISYCACRSKTIK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001001548

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: [NM_001001548.1](#)

RefSeq Size: 4727 bp

RefSeq ORF: 1419 bp

Locus ID: 948

UniProt ID: [P16671](#)

Cytogenetics: 7q21.11

MW: 53.1 kDa

Product images:

