

Product datasheet for **RC225800A1V**

Human CD36 (NM_001127444) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD36 (NM_001127444) 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:

>RC225800 representing NM_001127444
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGGCTGTGACCGGAACGTGGGCTCATCGTGGGGCTGTCATTGGTGTCTCCTGGCTGTGTTTGGAG
 GTATTCTAATGCCAGTTGGAGACCTGCTTATCCAGAAGACAATTAAGCAAGTTGTCCTCGAAGAAGG
 TACAATTGCTTTTAAAAATTGGTTAAAAACAGGCACAGAGTTTACAGACAGTTTGGATCTTTGATGTG
 CAAAATCCACAGGAAGTGATGATGAACAGCAGCAACATTCAAGTTAAGCAAAGAGGTCTTATACGTACA
 GAGTTCGTTTTCTAGCCAAGGAAAAATGAACCCAGGACGCTGAGGACAACACAGTCTCTTCTCGCAGCC
 CAATGGTGCCATCTTCGAACCTTCACTATCAGTTGGAACAGAGGCTGACAACCTCACAGTTCTCAATCTG
 GCTGTGGCAGCTGCATCCCATATCTATCAAAATCAATTTGTTCAAATGATCCTCAATTCATTATTAACA
 AGTCAAAATCTTCTATGTTCCAAGTCAGAACTTTGAGAGAACTGTTATGGGGCTATAGGGATCCATTTT
 GAGTTTGGTTCCATACCCTGTTACTACCACAGTTGGTCTGTTTTATCCTTACAACAATACTGCAGATGGA
 GTTTATAAAGTTTTCAATGGAAGATAACATAAGTAAAGTTGCCATAATCGACACATATAAAGGTAAAA
 GGAATCTGTCCTATTGGGAAAGTCACTGCGACATGATTAATGGTACAGATGCAGCCTCATTTCCACCTTT
 TGTTGAGAAAAGCCAGGTATTGCAGTCTTTTCTTCTGATATTGCAGGTCAATCTATGCTGATTTGAA
 TCCGACGTTAATCTGAAAGGAATCCCTGTGTATAGATTGTTCTTCCATCCAAGGCCCTTGCCTCTCCAG
 TTGAAAACCCAGACAACATTGTTTCTGCACAGAAAAAATTATCTCAAAAAATGTACATCATATGGTGT
 GCTAGACATCAGCAATGCAAGAAGGGAGACCTGTGTACATTTCACTTCCTCATTTTCTGTATGCAAGT
 CCTGATGTTTTCAGAACCTATTGATGGATTAACCCAAATGAAGAAGACATAGGACATACTTGGATATTG
 AACCTATAACTGGATTCATTTACAATTTGCAAAACGGCTGCAGGTCAACCTATTGGTCAAGCCATCAGA
 AAAAAATCAAGTATTAAGAATCTGAAGAGGAACATATATTGTGCCTATTCTTTGGCTTAATGAGACTGGG
 ACCATTGGTGATGAGAAGGCAACATGTTCAGAAGTCAAGTAAGTGAAGAAATAAACCTCCTTGGCCTGA
 TAGAAATGATCTTACTCAGTGTTGGTGTGGTGTGTTGTTGCTTTTATGATTTTATATTGTGCATGCAG
 ATCGAAAAACAATAAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225800 representing NM_001127444
 Red=Cloning site Green=Tags(s)

MGCDRNCGLIAGAVIGAVLAVFGGILMPVGDLLIQKTIKKQVVLEEGTIAFKNWKVTGTEVYRQFWIFDV
 QNPQEVMMSSNIQVKQRPYTYRVRFLAKENVTDQEDNTVSFLQPNGAIFEPSLSVGTEADNFTVLNL
 AVAAASHIYQNQFVQMILNSLINKSSMFQVRTLRELLWGYRDPFLSLVPYPVTTTGLFYYPYNNADG
 VYKVFNGKDNISKVAIIDTYKGKRNLSYWESHCDMINGTDAASFPPFVEKSQVLQFFSSDICRSIYAVFE
 SDVNLKGIPVYRFVLPKAFASPVENPDNYCFCTEKIISKNTSYGVLDISKCKEGRPVYISLPFLYAS
 PDVSEPIDGLNPNEEHRTYLDIEPITGFTLQFAKRLQVNLVKPSEKIQVLKNLKRNYIVPILWLNETG
 TIGDEKANMFRSQVTGKINLLGLIEMILLSVGVMFVAFMISYCACRSKTIK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001127444

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_001127444.1, NP_001120916.1</u>
RefSeq Size:	1989 bp
RefSeq ORF:	1419 bp
Locus ID:	948
UniProt ID:	<u>P16671</u>
Cytogenetics:	7q21.11
MW:	53.1 kDa