

Product datasheet for **RC216640A1V**

Human CD98 (SLC3A2) (NM_002394) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human CD98 (SLC3A2) (NM_002394) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC3A2
Synonyms:	4F2; 4F2HC; 4T2HC; CD98; CD98HC; MDU1; NACAE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



[View online »](#)

ORF Nucleotide Sequence:

>RC216640 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)
 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGAGCTACAGCCTCCTGAAGCCTCGATCGCCGTCGTGTCGATTCCGCGCCAGTTGCCTGGCTCACATT
 CGGAGGCTGGTGTCCAGGCTCTCAGCGCGGGGACGACTCAGAGTTGGGGTCTCACTGTGTGCCAGAC
 TGGTCTCGAACTCTTGGCCTCAGGTGATCCTCTTCCCTCAGCTTCCAGAAATGCCGAGATGATAGAGACG
 GGGTCTGACTGTGTACCCAGGCTGGTCTTCAACTCTTGGCCTCAAGTATCCTCCTGCCTTAGCTTCCA
 AGAATGCTGAGGTTACAGGCACCATGAGCCAGGACACCGAGGTGGATATGAAGGAGGTGGAGCTGAATGA
 GTTAGAGCCCCGAGAAGCAGCCGATGAACGCGCGCTCTGGGGCGGCCATGTCCCTGGCGGGAGCCGAGAAG
 AATGGTCTGGTGAAGTCAAGGTGGCGGAAGACGAGCGGAGGCGGCAGCCGCGGCTAAGTTCACGGGCC
 TGTCAAGGAGGAGCTGCTGAAGGTGGCAGGACGCCCCGGCTGGGTACGACCCGCTGGGCACTGCTGCT
 GCTCTTCTGGCTCGGCTGGCTCGGCATGCTTGTGGTGGCGTGGTCATAATCGTGCAGCGCCGCGTTGT
 CGCGAGCTACCGGCGCAGAAAGTGGTGGCACACGGGCGCCCTCTACCGCATCGGCGACCTTCAGGCCTTCC
 AGGGCCACGGCGCGGCAACCTGGCGGGTCTGAAGGGGCGTCTCGATTACCTGAGCTCTCTGAAGGTGAA
 GGGCCTTGTGCTGGGTCCAATTCACAAGAACCAGAAGGATGATGTCGCTCAGACTGACTTGTGCAGATC
 GACCCCAATTTTGGTCCAAGGAAGATTTTACAGTCTCTTGAATCGGCTAAAAAAGAGCATCCGTG
 TCATTCTGGACCTTACTCCCACTACCGGGGTGAGAACTCGTGGTTCTCCACTCAGGTTGACACTGTGGC
 CACCAAGGTGAAGGATGCTCTGGAGTTTGGCTGCAAGCTGGCGTGGATGGGTTCAGGTTCCGGGACATA
 GAGAATCTGAAGGATGCATCCTCATTCTTGGCTGAGTGGCAAAATATACCAAGGGCTTCAGTGAAGACA
 GGCTCTTGATTGCGGGGACTAACTCCTCCGACCTTCAGCAGATCCTGAGCCTACTCGAATCCAACAAAGA
 CTTGCTGTTGACTAGCTCATACCTGTCTGATTCTGGTTCTACTGGGGAGCATACAAAATCCCTAGTCACA
 CAGTATTTGAATGCCACTGGCAATCGCTGGTGCAGCTGGAGTTTGTCTCAGGCAAGGCTCCTGACTTCCT
 TCTTGGCGGCTCAACTTCTCCGACTCTACCAGCTGATGCTCTTACCCTGCCAGGGACCCCTGTTTTAG
 CTACGGGGATGAGATTGGCCTGGATGCAGCTGCCCTTCTGGACAGCCTATGGAGGCTCCAGTCATGCTG
 TGGGATGAGTCCAGCTTCCCTGACATCCAGGGGCTGTAAGTGCCAACATGACTGTGAAGGGCCAGAGTG
 AAGACCCTGGCTCCCTCTTCTTGTTCGGCGGCTGAGTGACCAGCGGAGTAAGGAGCGCTCCCTACT
 GCATGGGGACTTCCACGCTTCTCCGCTGGGCTGGACTCTTCTCTATATCCGCCACTGGGACCAGAAT
 GAGCGTTTTCTGGTAGTGCTTAACCTTTGGGGATGTGGGCTCTCGGCTGGACTGCAGGCCTCCGACCTGC
 CTGCCAGCGCCAGCCTGCCAGCAAGGCTGACCTCCTGCTCAGACCCAGCCAGGCGTGAAGGAGGGCTC
 CCCTCTTGAGCTGGAACGCTGAACTGGAGCCTACGAAGGGCTGCTGCTCCGCTTCCCTACGCGGCC

ACCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216640 protein sequence
 Red=Cloning site Green=Tags(s)
 MELQPPEASIAVVSIPRQLPGSHSEAGVQGLSAGDDSELGSHCAVQTGLELLASGDPLPSASQNAEMIET
 GSDCVTQAGLQLASSDPPALASKNAEVTGTMQDTEVDMKEVELNELEPEKQPMNAASGAAMSLAGAEL
 NGLVKIKVAEDEAEAAAAAFTGLSKEELLKVAGSPGWVRTRWALLLLFWLWLGMLAGAVVIVRAPRC
 RELPAQKWWHTGALYRIGDLQAFQGHGAGNLAGLKGRLDYLSLKVKGLVLPPIHKNQKDDVAQTDLLQI
 DPNFGSKEDFDSLLQSAAKKKSIRVILDLTPNYRGENSEWFSTQVDTVATKVKDALEFWLQAGVDGFQVRDI
 ENLKDASSFLAEWQNIITKGFSEDRLLIAGTNSSDLQQILSLLESNKDLLLLTSSYLSDSGSTGEHTKSLVT
 QYLNATGNRWCSWSLSQARLLTSFLPAQLRLYQLMLFTLPPTVPVSYGDEIGLDAALPGQPMAPVML
 WDESSFPDIPGAVSANMTVKQSEDPGSLLSLFRRLSDQRSKERSLLHGFHAFSAGPGLFSYIRHWDQN
 ERFLVVLNFGDVGLSAGLQASDLPASASLPKADLLLLSTQPGREEGSPLERLKLPEHEGLLLRFPYAA
 SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_002394
ORF Size:	1890 bp
Buffer:	PBS with 0.001% Pluronic F7563
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_002394.4</u>
RefSeq Size:	2347 bp
RefSeq ORF:	1893 bp
Locus ID:	6520
UniProt ID:	<u>P08195</u>
Cytogenetics:	11q12.3
MW:	68 kDa