

Product datasheet for **RC216362A1V**

Human SLC38A11 (NM_173512) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC38A11 (NM_173512) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC38A11
Synonyms:	AVT2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC216362 representing NM_173512 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAAGCAAGCTGGGTTTCCTTTGGGAATATTGCTTTTATTCTGGGTTTCATATGTTACAGACTTTTCCC
TTGTTTTATTGATAAAGGAGGGGCCCTCTCTGGAACAGATACCTACCACTCTTTGGTCAATAAACTTT
CGGCTTTCCAGGGTATCTGCTCCTCTCTGTTCTTCAGTTTTGTATCCTTTATAGTTGATCCTGAAAAC
GTGTTTATCGGTCGCCACTTCATTATTGGACTTTCCACAGTTACCTTTACTCTGCCTTTATCCTTGTACC
GAAATATAGCAAAGCTTGAAAGGTCTCCCTCATCTCTACAGGTTTAACAACCTGATTCTTGGAATTGT
AATGGCAAGGGCAATTTCACTGGGTCCACACATACCAAAAACAGAAGACGCTTGGGTATTGCAAAGCCC
AATGCCATTCAAGCGGTCGGGGTTATGTCTTTTGCATTTATTTGCCACCATAACTCCTTCTTAGTTTACA
GTTCTCTAGAAGAACCACAGTAGCTAAGTGGTCCCGCTTATCCATATGTCCATCGTGATTTCTGTATT
TATCTGTATATTCTTTGCTACATGTGGATACTTGACATTTACTGGCTTACCCAAGGGGACTTATTTGAA
AATTACTGCAGAAATGATGACCTGGTAACATTTGGAAGATTTGTTATGGTGTCATGTCATTTTGACAT
ACCCTATGGAATGCTTTGTGACAAGAGAGGTAATTGCCAATGTGTTTTTGGTGGGAATCTTTCATCGGT
TTTCCACATTGTTGTAACAGTGATGGTCATCACTGTAGCCACGCTTGTGTCATTGCTGATTGATGCCTC
GGGATAGTTCTAGAACTCAATGGTGTGCTCTGTGCAACTCCCCTCATTTTTATCATTCCATCAGCCTGTT
ATCTGAAACTGTCTGAAGAACCAAGGACACACTCCGATAAGATTATGTCTGTGTCATGCTTCCATTGG
TGCTGTGGTGATGGTTTTTGGATTCTGTCATGGCTATTACAAATACTCAAGACTGCACCCATGGGCAGGAA
ATGTTCTACTGCTTTCCTGACAATTTCTCTCACAATACTCAGAGTCTCATGTTTCAGCAGACAACAC
AACTTTCTACTTTAAATATTAGTATCTTTCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC216362 representing NM_173512 Red=Cloning site Green=Tags(s) MKQAGFPLGILLFWVSYVDFSLVLLIKGGALSGTDYQSLVNKTFGFPGYLLLSVLQFLYPFIVDPEN VFGRHFIIGLSTVTFTLPLSLYRNIAKLGVSLISTGLTTLILGIVMARAI SLGPHIPKTEDAWVFAKP NAIQAVGVMSFAFICHHNSFLVYSSLEEPTVAKWSRLIHMSIVISVFCIFFATCGYLTFTGFTQGDLE NYCRNDDLVTFGRFCYGVTVILTYPMECFVTREVIANVFFGGNLSSVFHIVVTVMVITVATLVSLIDCL GIVLELNGVLCATPLIFIIPSACYLKLSEEPRTSDKIMSCVMLPIGAVVMVFGFVMAITNTQDCTHGQE MFYCFPDNFSLTNTSESHVQTTQLSTLNISIFQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_173512
ORF Size:	1152 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_173512.1 , NP_775783.1
RefSeq Size:	1621 bp
RefSeq ORF:	1155 bp
Locus ID:	151258
UniProt ID:	Q08A16
Cytogenetics:	2q24.3
MW:	42.3 kDa