

Product datasheet for **RC203533A1V**

Human SLC38A10 (NM_138570) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC38A10 (NM_138570) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC38A10
Synonyms:	PP1744
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC203533 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGACCGACGCGCCGCCCTCCAACCTGGGGGCTGATCACGAACATCGTGAACAGCATCGTAGGGGTCACTG
TCCTCACCATGCCCTTCTGCTTCAAACAGTGC GG CATCGTCTGGGGGCGCTGCTCTTGGTCTTCTGCTC
ATGGATGACGCACCAAGTCGTGCATGTTCTTGGTGAAGTCGGCCAGCCTGAGCAAGCGGAGGACCTACGCC
GGCCTGGCATTCCACGCCTACGGGAAGGCAGGCAAGATGCTGGTGGAGACCAGCATGATCGGGCTGATGC
TGGGCACCTGCATCGCCTTCTACGTCTGATCGGCGACTTGGGGTCCAACCTTCTTTGCCGGCTGTTGCG
GTTTCAGGTGGGCGGCACCTTCCGCATGTTCTCTGCTGTTGCGCGTGTGCGTGTGCATCGTGTCTCCCGCTC
AGCCTGCAGCGGAACATGATGGCCTCCATCCAGTCCTTACGCGCATGGCCCTCCTCTTCTACACCGTGT
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CTACGTCCGCTGGGAGGGCGTCTTCCGCTGCATCCCCATCTTGGCATGTCTTCCGCTGCCAGTCCCAG
GTGCTGCCCACCTACGACAGCCTGGATGAGCCGTCACTGAAAACCATGAGCTCCATATTTGCTTCTCTCCC
TTAATGTGGTCAACACCTTCTACGTATGGTGGGGTTTTTCGGCTACGTCACTTCAACGAGGCCACGGC
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AGCAAAAAGATGGCACTTTTGACAGCGGGGCTACATCCCCCTCTCCGGTTTAAAGCACTTACCTCTCT
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GCGACCATGGGAAGCCTCATCTGCTTCTATCTGCCCGGCGCTGATCTACAAGAAAATCCACAAGAACGCAC
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GTGGGCGAGGCCACCGCCACGAGCCTCTGTTCTCACGACAAGTGGTGGTATGTAAGGCCAAGACC
GAGAGGTGCCAGAAGAGAAACACCTCCATCCAGACACGCGGGCGAAAGGCTCCAGGGGTCCAGGGCCA
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CCTGGACAGGCCCAGGCCTTGGAGGAGGCGGGTGTCTTCTGAAGATCCCCAGAAAGTTCAGAAGCAG
ATGGTCAGCCAGCTGTCCAGCCTGCAAAGGAGGACCTGGGGCCAGGAGACAGGGGCTGCATCTCGGCC
CCAGGCAGTGTGTCTGAGCAGCAGAACGGCCTGGCGGTGGGTGGAGGGGAAAAGGCCAAGGGGGGACCG
CCGCCAGGCAACGCCGCCGGGGACACAGGGCAGCCCGCAGAGGACAGCGACCACGGTGGGAAGCCTCCCC
TCCCAGCGGAGAAGCCGGCTCCAGGGCTGGGCTGCCGCCCGAGCCTCGGAGCAGAGGGACGTGGAGCG
AGCGGTGGAACACAGGCGGCCAGCCAGCTGGAGGTAAAGCCTCCGCCCTACAGCCGCCTGCCTCAGGC
CCAGGAGCGGCGACCCCTCCCCAGCCCTGGGGTGTATGCCAGGTATCTCTGGGAGCCCTGCCAGGC
CCCCCTTCTTTCCAGCCGCTGCTGAGCAGACCCCTCGAGAGCTTTTCTGCTCCCTTCCCATCAGCAG
CTTGCTTTCTGGGAACCTTTTATCTGCCTTACTCCCTTTAAACACCTGCGGCATCGTCACATGGCTTGT
GATTACCGTTTTATCTCCCTTGTCTCCCTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC203533 protein sequence Red=Cloning site Green=Tags(s) MTAAAASNWGLITNIVNSIVGVSVLTMPFCFKQCGIVLGALLVFCSWMTHQSCMFLVKSASLSKRRTYA GLAFHAYGKAGKMLVETSMIGMLGTCTIAFYVIGDLGSNFFARLFGFQVGGTFRMFLLFAVSLCIVLPL SLQRNMMAISIQSFAMALLFYTFVMFVIVLSSLKHGLFSGQWLRRVSYVRWEGVFRCIPIFGMSFACQSQ VLPTYDSLDEPSVKTMSSIFASSLNVVTFYVMVGFFGYVSFTEATAGNVMHFPSNLVTEMLRVGFMS VAVGFPMILPCRQALSTLLCEQQQKDGTF AAGGYMPPLRFKALTL SVVFGTMVGGILIPNVETILGLTG ATMGSLICFICPALIYKKIHKNALSSQVVLWVGLGVLVYSTVTTL SVSEVPEDLAEEAPGGRLGEAEG MKVEAARLSAQDPVVAEDGREKPKLPKERELEQAQIKGPVDVPGREDGKEAPEEAQLDRPGQGIAPV VGEAHRHEPPVPHDKVVDEGQDREVPENKPPSRHAGGKAPGVQGMAPPPLDSEREKQEPEQGEVGR PGQAQALEEAGDLPEDPQKVPEADGQPAVQPAKEDLGPGRGLHPRPQAVLSEQQNGLAVGGGEKAKGGP PPGNAAGDTGQPAEDSDHGGKPLPAEKPAPGPGLPPEPREQRDVERAGGNQAASQLEGKASALQPPASG PGSGSPLPQPWGDAQVILGSPARPPFSFQPPAEQTPRRAFCSLPISLLSGNLLSALLPFKHLRHRHMAC DYRFISLAPL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_138570
ORF Size:	2340 bp
Buffer:	PBS with 0.001% Pluronic F5443
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_138570.2</u>
RefSeq Size:	3121 bp
RefSeq ORF:	2343 bp
Locus ID:	124565
UniProt ID:	<u>Q9HBR0</u>
Cytogenetics:	17q25.3
MW:	83.3 kDa