

Product datasheet for **RC230220A1V**

Human SLC38A6 (NM_001172702) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC38A6 (NM_001172702) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC38A6
Synonyms:	NAT-1; SNAT6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC230220 representing NM_001172702
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGCGTCTCGGGGAGCTTCAACGCTGAGCGGGCTGGTATGTCTCTGTCCAGCAGCCTGAAGAAG
 CGGAGGCCGAAGAGTTGAGTCCGTTGCTAAGCAACGAACCTCACAGACAGCGATCCCCAGGTGTTTCATT
 TGGTTTATCAGTGTAAATTTGATGAATGCCATCATGGGAAGTGCATCCTTGGCTTAGCTTATGTTTTG
 GCTAATACCGGTGCTTTGGATTTAGCTTCTTGCTGCTGACAGTTGCTCTCCTGGCTTCTTACTCAGTCC
 ATCTTCTGCTTAGTATGTGATTCAGACAGCTGTAACATCTTATGAAGATCTTGGACTCTTGCATTTGG
 ATTACCTGAAAGTTGGTGGTGGCAGGCACCATAATAATTGAGAATATTGGAGCTATGTCATCTTATCTT
 TTAATTATTAACAGAGCTTCTGCTGCTATTGCAGAATTTTACTGGAGACTATAGTAGATATTGGT
 ATCTTGATGGACAACTACTAATAATCATATGTGTTGGCATTGTGTTCCCTCTGCACCTTCTCCCAA
 AATAGGCTTTCTGGCTACACAAGTAGTTTATCATTTTTCTTTATGATGTTCTTGTCTTGTGGTAATA
 ATTAATAAATGGTCCATCCCTTGTCTCTGACATTAATTTATGTAGAGAAAGTTTCCAGATTTCAAATG
 TTACAGATGATTGAAGCCAAAGCTCTTTCATTTCTCCAAGAGAGTGCTTATGCCTTACCAACCATGGC
 TTTTTCATTTCTCGCCATACCTCAATATTGCCATATACTGTGAACTTCAAAGTCTTCAAAGAAAAGA
 ATGCAGAATGTTACCAATACAGCAATTGCTTTAAGTTTCTCATTTATTTATATCTGCACCTTTGGGT
 ACCTCACTTTTTATGACAAAGTGGAGTCAGAATTAATAAAGTTATAGTAAACTTATCACATGATGT
 TGTTGTCATGACTGTGAAGTTATGCATACTATTGCTGTGCTTTTGCAGTCCCTCTAATCCACTCCCT
 GCCAAAAGCTGTAACAATGATGTTTTCTCCAATTTCCATTCTCATGGATTGCCATTTTTTGTGATCA
 CTCTAGCACTCAATATTATCATGTTTTACTTGCATATATGTTCTGACATTAGAAATGATTTTGGTGT
 AGTTGGTGCCAGTACATCAACATGTTTATTTTTATATTTCCAGGACTATTTTATCTTAAACTTAGCAGA
 GAGGATTTTCTGTGATGAAAAAGCTTGGGGTCTCATTCTGTGCGCACAGTTGGCGTGCAGTGGTGTGA
 TCTCAGCTCATTGCAACCTCTGCCTCCCGGACTCAAGCAATCCTCCACCTCAGCCTCCAGAGTAGCTGA
 GACTACAGGAAGAGATACCATGGAGATGTGCACCCAGAGGAAAGGCCACGCAAGGACACAGCAAGAAGGC
 AACTGTTTACAAGCCAAGGGAAGAGGCCTCAGGAGAACCAACGTGTCCACACCTTGATCTTGCACCTCC
 CAACCTCCAGAACTGTGAGCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEASWGSFNAERGWYVSQQPEEAEEELSPLLSNELHRQRSPGVSFGLSVFNLMAIMSGILGLAYVL
 ANTGVFGFSFLLLTVALLASYSVHLLLSMCIQTAVTSYEDLGLFAFGLPGKLVVAGTIIIQNIGAMSSYL
 LIKTELPAAIAEFLTGDYSRYWYLDGQTLIIICVGI VFP LALLPKIGFLGYTSSL SFF FMMFFALVVI
 IKKWSIPCPLTLNYVEKGFQISNVTDDCKPKLFHFSKESAYALPTMAFSFLCHTSILPIYCELQSPSKKR
 MQNVTNTAIALSFLIYFISALFGYLTFFYDKVESELLKGYSKYLSHDVVVMTVKLCILFAVLLTVPLIHFP
 ARKAVTMMFFSNPFSWIRHFLITLALNIIIVLLAIYVPDIRNVFVVVGASTSTCLIFIFPGLFYLKLSR
 EDFLSWKKLGGLILSHRLACSGVISAHCNLCLPDSSNPPTSASRVAETTGRDTMEMCTQRKGHARTQQEG
 NCLQAKGRGLRRTKRVHTLILHFPTSRVSK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001172702

ORF Size:

1563 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_001172702.1</u> , <u>NP_001166173.1</u>
RefSeq ORF:	1566 bp
Locus ID:	145389
UniProt ID:	<u>Q8IZM9</u>
Cytogenetics:	14q23.1
MW:	58.4 kDa