

Product datasheet for **RC216470A1V**

Human SLC25A23 (NM_024103) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC25A23 (NM_024103) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC25A23
Synonyms:	APC2; MCSC2; SCaMC-3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216470 representing NM_024103
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCGGGGAGCCCGGGCGACGCGGAGCGCGGACGCTGGGGTCGCCTGTTTCGAGGAGCTGGACAGTA
 ACAAGGATGGCCGCGTGGACGTGCACGAGTTGCCAGGGGCTGGCCAGGCTGGGCGGGGCAACCCAGA
 CCCCAGCGCCCAACAGGGTATCTCCTCTGAGGGTGATGCTGACCCAGATGGCGGGCTCGACCTGGAGGAA
 TTTTCCGCTATCTGCAGGAGCGGGAACAGCGTCTGCTGCTCATGTTTACAGTCTTGACCGGAACAGG
 ATGGTCACATTGATGTCTCTGAGATCCAACAGAGTTTCCGAGCTCTGGGCATTTCCATCTCGCTGGAGCA
 GGCTGAGAAAATTTGCACAGCATGGACCGAGACGGCACAATGACCATTGACTGGCAAGAATGGCGCGAC
 CACTTCTGTTGATTCGCTGGAAAATGTGGAGGAGCTGTATTTCTGGAAGCATTCCACGGTCTCGG
 ACATTGGCGAGTGCCTGACAGTGCCGGACGAGTTCTCAAAGCAAGAGAAGCTGACGGGCATGTGGTGAA
 ACAGCTGGTGGCGGCGCAGTGCCAGGTGCCGTGTACGGACAGGCACGCCCCCTCTGGACCGCCTCAAG
 GTCTTCATGCAGGTCCATGCCTCAAAGACCAACCGGCTGAACATCCTTGGGGGGCTTCGAAGCATGGTCC
 TTGAGGGAGGCATCCGCTCCCTGTGGCGCGGCAATGGTATTAATGTAATCAAGATTGCCCGGAGTCAGC
 TATCAAGTTTCATGGCCTATGAACAGATCAAGAGGGCCATCCTGGGGCAGCAGGAGACACTGCATGTGCAG
 GAGCGCTTCGTGGCTGGCTCCCTGGCTGGTGCCACAGCCCAAACCATCATTTACCTATGGAGGTGCTGA
 AGACGCGGCTGACCTTGCGCCGACGGGCCAGTATAAGGGGCTGCTGGACTGCGCCAGGCGTATCCTGGA
 GAGGGAGGGGCCCCGTGCCTTCTACCGGGCTACCTCCCAACGTGCTGGGCATCATCCCTATGCGGGC
 ATCGACCTGGCCGTCTACGAGACTCTGAAGAACTGGTGGCTTCAGCAGTACAGCCACGACTCGGCAGACC
 CAGGCATCCTCGTGTCTGCGCTGCGGTACCATATCCAGCACCTGCGGCCAGATAGCCAGTTACCCGCT
 GGCCCTGGTCCGACCCGCATGCAGGCACAAGCCTCCATCGAGGGTGGCCCCCAGCTGTCCATGCTGGGT
 CTGCTACGTACATCCTGTCCCAGGAGGGCATGCGGGGCTCTACCGGGGATCGCCCCCACTTCATGA
 AGGTTATTCCAGCTGTGAGCATCTCCTATGTGGTCTACGAGAACATGAAGCAGGCCTTGGGGGTACGTC
 CAGG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC216470 representing NM_024103
 Red=Cloning site Green=Tags(s)

MRGSPGDAERRQRWGRLEELDSNKDGRVDVHELRLQGLARLGGGNPDGPAQQGISSEGADDPDGLDLEE
 FSRYLQEREQRLLLMFHSLDRNQDGHIDVSEIQSFRLGISISLEQAELHSMRDGTMTIDWQEWDR
 HFLHSLNVEDVLYFWKHSTVLDIGECLTPDEFKQEKLTGMWWKQLVAGAVAGAVSRTGTAPLDRK
 VFMQVHASKTNRLNILGGLRSMVLEGGIRSLWRNGINVLKIAPESAIKFMAYEQIKRAILGQETLHVQ
 ERFVAGSLAGATAQTIIYPMEVLKTRLTLRRTGQYKGLLDCARRILEREPRAFYRGYLPNVLGIIPYAG
 IDLAVYETLKNWWLQQYSHDSADPGILVLLACGTISSTCGQIASYPLALVRTRMQAQASIEGGPQLSMLG
 LLRHILSQEGMRGLYRGIAPNFMKVIPAVSISYVYENMKQALGVTSR

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_024103

ORF Size:

1404 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_024103.2</u>
RefSeq Size:	3475 bp
RefSeq ORF:	1407 bp
Locus ID:	79085
UniProt ID:	<u>Q9BV35</u>
Cytogenetics:	19p13.3
MW:	52.2 kDa