

Product datasheet for **RC222503A1V**

Human SLC25A24 (NM_213651) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC25A24 (NM_213651) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC25A24
Synonyms:	APC1; SCAMC-1; SCAMC1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC222503 representing NM_213651
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGGACTCCCTCTACGGAGATCTCTTTTGGTACCTGGACTATAACAAGGATGGGACCTTGGACATTTTGG
 AGCTTCAGGAAGGCTTGAGGATGTAGGGGCCATTCAATCTCTAGAGGAAGCGAAGAAAAATTTTACTAC
 TGGAGATGTCAACAAAGATGGGAAGCTGGATTTTGAAGAATTTATGAAGTACCTTAAAGACCATGAGAAG
 AAAATGAAATTGGCATTAAAGAGTTTAGACAAAAATAATGATGGAAAAATTGAGGCTTCAGAAATGTCC
 AGTCTCTCCAGACACTGGGTCTGACTATTTCTGAACAACAAGCAGAGTTGATTCTTCAAAGCATTGATGT
 TGATGGGACAATGACAGTGGACTGGAATGAATGGAGAGACTACTTCTTATTTAATCCTGTTACAGACATT
 GAGGAAATTATCCGTTTCTGGAAACATTCTACAGGAATTGACATAGGGGATAGCTTAACATTCCAGATG
 AATTCACGGAAGACGAAAAAATCCGACAATGGTGGAGGCAGCTTTTGGCAGGAGGCATTGCTGGTGC
 TGTCTCTCGAACAAGCACTGCCCTTTGGACCGTCTGAAAATCATGATGCAGGTTACGTTCAAATCA
 GACAAAATGAACATATTTGGTGGCTTTGACAGATGGTAAAAGAAGGAGGTATCCGCTCGCTTTGGAGGG
 GAAATGGTACAAACGTCATCAAAATTGCTCCTGAGACAGCTGTTAAATTCTGGGCATATGAACAGTACAA
 GAAGTTACTTACTGAAGAAGGACAAAAATAGGAACATTTGAGAGATTTATTTCTGGTCCATGGCTGGA
 GCAACTGCACAGACTTTTATATATCCAATGGAGGTTATGAAAACCAAGGCTGGCTGTAGGCAAACTGGGC
 AGTACTCTGGAATATATGATTGTGCCAAGAAGATTTTGAACATGAAGGCTTGGGAGCTTTTACAAAGG
 CTATGTTCCCAATTTATTAGGTATCATACCTTATGCAGGCATAGATCTTGCTGTGTATGAGCTCTTGAAG
 TCCTATTGGCTGGATAATTTTGCAAAAGATTCTGTAACCCCTGGAGTCATGGTGTGCTGGGATGCGGTG
 CCTTATCCAGCACCTGTGGTCACTGGCCAGCTACCCATTGGCTTTGGTGAGAACTCGCATGCAGGCTCA
 AGCCATGTTAGAAGGTTCCCCACAGCTGAATATGGTTGGCTCTTTTCGACGAATTATTTCCAAAGAAGGA
 ATACCAGGACTTTACAGAGGCATCACCCAAACTTCATGAAGGTGCTCCCTGCTGTAGGCATCAGTTATG
 TGGTTTATGAAAATATGAAGCAAACTTTAGGAGTAACCCAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222503 representing NM_213651
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MDSLYGDLFWYLDYNKDGTLDFELQEGLEDVGAIQSLEEAKKIFTTGDVNDGKLDFFEEFMKYLKDHEK
 KMKLAFKSLDKNNDGKIEASEIVQSLQTLGLTISEQQAELILQSIDVDGTMTVDWNEWRDYFLFNPVTDI
 EEIIRFWKHSTGIDIGDSLTIPTDETEDEKKSGQWWRQLLAGGIAGAVSRTSTAPLDRKIMMQVHGSKS
 DKMNIFGGFRQMVKEGGIRSLWRNGNTNVIKIPETAVKFWAYEQYKKLLTEEGQKIGTFERFISGSMAG
 ATAQTFIYPMEVMKTRLAVGKTGQYSGIYDCAKKILKHEGLGAFYKGYVNNLLGIPIYAGIDLAVYELLK
 SYWLDNFAKDSVNPVGMVLLGCGALSSCTGQLASYPLALVRTRMQAQAMLEGSPQLNMVGLFRRIISKEG
 IPGLYRGITPNFMKVLPAVGISYVVYENMKQTLGVTQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_213651

ORF Size:

1374 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_213651.1</u>
RefSeq Size:	3344 bp
RefSeq ORF:	1377 bp
Locus ID:	29957
UniProt ID:	<u>Q6NUK1</u>
Cytogenetics:	1p13.3
MW:	51.2 kDa