

Product datasheet for **RC201890A1V**

Human SLC47A1 (NM_018242) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC47A1 (NM_018242) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC47A1
Synonyms:	MATE1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC201890 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAAGCTCCTGAGGAGCCCGCCAGTGC GCGGAGGCCCGAGGCCACCCTTGAGGTCCTGGGTGCG
 GCTGCTTGCGGCTGTCCGCTTCCGAGAAGAGCTGCGGGCGCTCTGGTCTGGCTGGCCCCGCGTTCTT
 GGTTCACTGATGGTGTCTCTGATCAGCTTCATAAGCTCCGTGTTCTGTGGCCACCTGGGCAAGCTGGAG
 CTGGATGCAGTCACGCTGGCAATCGCGTTATCAATGTCAGTGGTGTCTCAGTGGGATTCGGCTTATCTT
 CTGCTGTGACACCTCATCTCCAGACGTACGGGAGCCAGAACCTGAAGCACGTGGGCGTGATCCTGCA
 GCGGAGTGC GCTGCTCTCTGCTGCTTCCCCTGCTGGGCGCTCTTTCTCAACACCCAGCACATC
 CTGCTGCTCTTCAAGCAGGACCCAGATGTGTCCAGGCTTACCCAGACCTATGTCAGATCTTCATTCCAG
 CTCTTCTGCAACCTTTCTTTATATGTTACAAGTTAAATTTTGTCAACCAGGGAATTGTACTGCCCA
 GATCGTAACTGGAGTTGCAGCCAACCTGTCAATGCCCTCGCCAACCTATCTGTTTCTCCATCAACTGCAT
 CTTGGGGTGATAGGCTCTGCACTGGCAAACCTGATTTCCAGTACACCTGGCTCTACTCTCTTTCTCT
 ACATCCTCGGGAAGAACTGCATCAAGTACATGGGGAGGCTGGTCCCTCGAGTGCCTGCAGGACTGGGC
 CTCCTTCTCCGCTGGCCATCCCCAGCATGCTCATGCTGTGCATGGAGTGGTGGGCTATGAGGTGGG
 AGCTTCTCAGTGGCATCCTCGGCATGGTGGAGCTGGGCGCTCAGTCCATCGTGTATGAAGTGGCCATCA
 TTGTGTACATGGTCCCTGCAGGCTTCACTGTGGCTGCCAGTGTCCGGGTAGGAAACGCTCTGGGTGCTG
 AGACATGGAGCAGGCACGGAAGTCTCTACCGTTTCCCTGCTGATTACAGTGTCTTTGCTGTAGCCTTC
 AGTGTCTGCTGTTAAGCTGTAAGGATCAGTGGGGTACATTTTACTACCGACGAGACATCATTAAATC
 TGGTGGCTCAGGTGGTTCCAATTTATGCTGTTTCCACCTCTTTGAAGCTCTTGCTTGCACGAGTGGTGG
 TGTTCTGAGGGGAGTGGAAATCAGAAGTTGGAGCCATTGTGAATACCATTTGGGTAATGTGTTGGC
 CTCCCCATCGGGATCGCGCTGATGTTTGAACACACTTGAGTGTGGGTCTGTGGTCAAGGATCATCA
 TCTGTACAGTCTTTCAAGCTGTGTGTTTCTAGGCTTTATTATTCAGTAAATTGAAAAAAGCCTGTCA
 GCAGGCTCAGGTACACGCCAATTTGAAAGTAAACAACGTGCCTCGGAGTGGGAATTCTGCTCTCCCTCAG
 GATCCGCTTCAACCAGGTGCCCTGAAACCTTGAAGGAATTTTAACGAACGATGTTGGAAGACAGGCG
 AGCCTCAGTCAGATCAGCAGATGCGCCAAGAAGAACCTTGGCGGAACATCCACAGGACGGCGCTAAATT
 GTCCAGGAAACAGCTGGTGTGCGGCGAGGGCTTCTGCTCCTGGGGTCTCTTAATCTTGCTGGTGGG
 ATTTTAGTGAGATTCTATGTCAGAATTACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC201890 protein sequence
 Red=Cloning site Green=Tags(s)

MEAPEEPAPVRGGPEATLEVRGSRCLRLSAFREELRALLVLAPFLVQLMVFLISFISSVFCGHLGKLE
 LDAVTLAIIVINVTGVSFGFLSSACDTLISQTYGSQNLKHVGIVLQRSALVLLCCFPCWALFLNTQHI
 LLLFRQDPDVSRLTQTYVTFIPALPATFLYMLQVKYLLNQGIVLPQIVTGVAANLVNALANYFLHQLH
 LGVIGSALANLISQYTLALLFLYILGKKLHQATWGGWSLECLQDASFLRLAIPSMLMLCMEWWAYEVG
 SFLSGILGMVELGAQSIVYELAIIVYMPAGFSVAASVRVGNALGAGDMEQARKSSTVSLITVLFVAVF
 SVLLLSCKDHSVGYIFTDRDIINLVAQVPIYAVSHLFEALACTSGGVLRGSGNQKVGAIIVNTIGYVVVG
 LPIGIALMFATTLGVMGLWSGIIICTVFQAVCFLGFIIQLNWKACQQAQVHANLKVNNVPRSGNSALPQ
 DPLHPGCPENLEGILTNDVGKTGEPQSDQQMRQEELPEHPQDGAKLSRKQLVLRGRLLLGVFLILLVG
 ILVRFYVRIQ

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_018242
ORF Size:	1710 bp
Buffer:	PBS with 0.001% Pluronic F5244
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_018242.2</u>
RefSeq Size:	3279 bp
RefSeq ORF:	1713 bp
Locus ID:	55244
UniProt ID:	<u>Q96FL8</u>
Cytogenetics:	17p11.2
MW:	61.9 kDa