

Product datasheet for **RC201980A1V**

Human **SLC31A1 (NM_001859)** AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Human SLC31A1 (NM_001859) AAV Particle
Tag: Myc-DDK
Symbol: SLC31A1
Synonyms: COPT1; CTR1
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >RC201980 representing NM_001859
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGATCATTCACCATATGGGGATGAGCTATATGGACTCCAACAGTACCATGCAACCTTCTCACCATC
ACCAACCACTTCAGCCTCACACTCCCATTGGTGGAGGAGACAGCAGCATGATGATGATGCCTATGACCTT
CTACTTTGGCTTTAAGAATGTGGAACACTGTTTTCCGGTTTGGTGATCAATACAGCTGGAGAAATGGCT
GGAGCTTTTGTGGCAGTGTCTTACTAGCAATGTTCTATGAAGGACTCAAGATAGCCCGAGAGAGCCTGC
TGGTAAGTCACAAGTCAGCATTCGCTACAATTCATGCCTGTCCAGGACCAATGGAACCATCCTTAT
GGAGACACACAAAACCTGTTGGCAACAGATGCTGAGCTTCTCACCTCCTGCAACAGTGTGCACATC
ATCCAGGTGGTCATAAGCTACTTCTCATGCTCATCTTCATGACCTACAACGGGTACCTCTGCATTGCAG
TAGCAGCAGGGGCCGGTACAGGATACTTCTCTCAGCTGGAAGAAGGCAGTGGTAGTGGATATCACAGA
GCATTGCCAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC201980 representing NM_001859
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MDSHHMGMSYSDNSTMQPSHHPTTSASHSHGGDSSMMMPMTFYFGFKNVELLFSGLVINTAGEMA
GAFVAVFLLAMFYELKIARESLLRKSQVSIRYNSMPVPGPNTILMETHKTVGQQLSFPHLLQTVLHI
IQVVISYFLMLIFMTYNGYLCIAVAAGAGTGYFLFSWKKAVVVDITEHCH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human



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Serotype:	AAV-2
ACCN:	NM_001859
ORF Size:	570 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_001859.2</u>
RefSeq Size:	4735 bp
RefSeq ORF:	573 bp
Locus ID:	1317
UniProt ID:	<u>O15431</u>
Cytogenetics:	9q32
MW:	20.9 kDa