

Product datasheet for **RC225847A1V**

Human **SLC39A14** (NM_001135153) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SLC39A14
Synonyms:	cig19; HCIN; HMNDYT2; LZT-Hs4; NET34; ZIP14
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC225847 representing NM_001135153
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAAGCTGCTGCTGCTGCACCCGGCCTTCCAGAGCTGCCTCCTGCTGACCCTGCTTGGCTTATGGAGAA
 CCACCCCTGAGGCTCACGCTTCATCCCTGGGTGCACCAAGCTATCAGCGCTGCCTCCTTCTGCAGGATCT
 AATACATCGGTATGGCGAGGTGACAGCCTCACTCTGCAGCAGCTGAAGGCCCTACTCAACCACTGGAT
 GTGGGAGTGGGCCGGGTAAATGTCACCAGCAGCTGCAAGGACACAGGAACCTCTCCACGTGCTTTAGTT
 CTGGAGACCTCTTCACTGCCACAATTTAGCGAGCAGTCGCGGATTGGGAGCAGCGAGCTCCAGGAGTT
 CTGCCCAACCATCTCCAGCAGCTGGATTCCCGGCCCTGCACCTCGGAGAACCAGGAAAACGAGGAGAAT
 GAGCAGACGGAGGAGGGCGGCCAAGCGCTGTTGAAGTGTGGGGATACGGTCTCCTCTGTGTGACCGTCA
 TCTCCCTCTGCTCCCTCTGGGGCCAGCGTGGTGCCTTCATGAAGAAGACCTTTTACAAGAGGCTGCT
 GCTCTACTTCATAGCTTGGCGATTGGAACCTCTACTCAACGCCCTCTTCCAGCTCATCCCGAGGCA
 TTTGGTTTCAACCTCTGGAAGATTATTATGTCTCAAGTCTGCAGTGGTGTGGGGGCTTTTATCTTT
 TCTTTTTACAGAGAAGATCTTGAAGATTCTTCTTAAGCAGAAAAATGAGCATCATATGGACACAGCCA
 TTATGCCTCTGAGTCGCTTCCCTCCAAGAAGGACCAGGAGGAGGGGGTATGGAGAAGCTGCAGAACGGG
 GACCTGGACCACATGATTCTCAGCACTGCAGCAGTGAAGTGGACGGCAAGGCGCCCATGGTGGACGAGA
 AGGTCAATTGTGGGCTCGCTCTCTGTGCAGGACCTGCAGGCTTCCAGAGTGTGCTACTGGCTGAAAGG
 TGTCCGCTACTCTGATATCGGCACTCTGGCCTGGATGATCACTCTGAGCGACGGCTCCATAATTTATC
 GATGGCCTGGCCATCGGTGCTTCTTCACTGTGTGAGTTTCAAGGCATCAGCACCTCGGTGGCCATCC
 TCTGTGAGGAGTTCCACATGAGCTAGGAGACTTGTATCCTGCTCAACGCTGGGATGAGCATCCAACA
 AGCTCTCTTCTCAACTTCTTCTGCTGCTGCTACCTGGGTCTGGCCTTTGGCATCTGGCCGGC
 AGCCACTTCTCTGCAACTGGATTTTTCGCTAGCTGGAGGAATGTTCTGTATATTCTCTGGCTGATA
 TGTTCCCTGAGATGAATGAGGTCTGTCAAGAGGATGAAAGGAAGGGCAGCATCTTGATTCCATTTATCAT
 CCAGAACCTGGGCTCTGACTGGATTACCATCATGGTGGTCTCACCATGTATTCAGGACAGATCCAG
 ATTGGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225847 representing NM_001135153
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MKLLLLHPAFQSCLLLTLGLWRTTPEAHASSLGAPAIASAASFLQDLIHYRGEGLSLTLQQLKALLNHL
 VGVGRNVTOHVQGHRNLSTCFSSGDLFTAHNFSEQSRIGSSELQEFCTILQQLDSRACTSENQENEEN
 EQTEEGRPSAVEVWGYGLLCVTVISLCSLLGASVVPFMKKTFFYKRLLLYFIALAIGTLYSNALFQLIPEA
 FGFNPLEDYVYSKSAVVFGGYLFFTEKILKILLKQKNEHHHGHSHYASESLPSKKDQEEGVMEKLQNG
 DLDMIPQHCSSELDGKAPMVDEKIVGSLSVQDLQASQACWYKGVRYSDIGTLAWMITLSDGLHNF
 DGLAIGASFTVSVFQISTSVAILCEEFPHELGDVILLNAGMSIQQALFFNFLSACCCYLGLAFGILAG
 SHFSANWIFALAGMFLYISLADMFPENVEVCQEDERKGSILIPFIIQNLGLLTGFTIMVVLTMYSQIQ
 IG

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001135153

ORF Size: 1476 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:	NM_001135153.1
RefSeq Size:	4740 bp
RefSeq ORF:	1479 bp
Locus ID:	23516
UniProt ID:	Q15043
Cytogenetics:	8p21.3
MW:	54.2 kDa