

Product datasheet for **RC201293A1V**

Human SLC39A3 (NM_144564) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC39A3 (NM_144564) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC39A3
Synonyms:	ZIP-3; ZIP3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC201293 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGTGAAATTGCTAGTGGCCAAATCCTGTGCATGGTGGCGTGTCTTCTTCATGCTGCTCGGCTCCC
TGCTCCCCGTGAAGATCATCGAGACAGATTTTGAGAAGGCCATCGCTCGAAAAGATCCTCTCTCTG
CAACACCTTTGGAGGAGGGGTGTTTCTGGCCACGTGCTTCAACGCTCTGCTGCCCCTGTGAGGGAAAAG
CTCCAGAAGGTCCTGAGCCTCGGCCACATCAGCACCGACTACCCGCTGGCCGAAACCATCCTCCTGCTGG
GCTTCTTCATGACCGTCTTCTGGAGCAGCTGATCCTGACCTTCCGCAAGGAGAAGCCGCTCCTTCATCGA
CCTGGAGACCTTCAACGCGGATCGGACGTGGGCAGCGACTCGGAGTATGAGAGCCCCCTCATGGGGGGC
GCGCGGGGCCACGCGCTGTACGTGGAGCCCCACGGCCACGGCCCCAGCCTGAGCGTGCAGGGCCTCTCGC
GCGCCAGCCCCGTGCGCCTGCTCAGCCTGGCCTTCGCGCTGTGCGCCACTCGGTCTTTGAGGGCCTGGC
CCTGGGCTGCAGGAGGAGGGGAGAAAGTGGTGAAGCTGTTCTGTTGGGGTGGCCGTCCACGAGACACTG
GTGGCCGTGGCCTGGGCATCAGCATGGCCCGAGTGCCATGCCCTGCGGGACGCGGCCAAGCTGGCGG
TCACCGTAAGCGCCATGATCCCCCTGGGCATCGCCTGGGCTGGGCATTGAGAGCGCCAGGGCGTGCC
GGGCAGCGTGGCGTCCGTGCTGCTGCAGGGCCTGGCGGGCGGCACCTTCTCTTCATCACCTTCTGGAG
ATCCTGGCCAAGGAGCTGGAGGAGAAGAGTGACCGTCTGCTCAAGGTCCTTCTTGGTGTGGGCTACA
CCGTCTGGCCGGGATGGTCTTCTCAAGTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC201293 protein sequence Red=Cloning site Green=Tags(s) MVKLLVAKILCMVGVFFFMLLGSLLPVKIIETDFEKAHRSKKILSLCNTFGGGVFLATCFNALLPAVREK LQKVLSLGHISTDYPLAETILLGFFMTVFLEQLILTFRKEKPSFIDLETNAGSDVGSDSEYESPFMGG ARGHALYVEPHGHGPSLSVQGLSRASPVRLLSLAFALSAHSVFEGALGLQEEGEKVVSLFVGAVHETL VAVALGISMARSAAMPLRDAAKLAVTVSAMIPLGIGLGLGIESAQGVPGSVASVLLQGLAGGTFLFITFLE ILAKELEEKSDRLLKVLFLVLGYTVLAGMVFLKW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_144564
ORF Size:	942 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_144564.4</u>
RefSeq Size:	1441 bp
RefSeq ORF:	945 bp
Locus ID:	29985
UniProt ID:	<u>Q9BRY0</u>
Cytogenetics:	19p13.3
MW:	33.6 kDa