

Product datasheet for **RC209463A1V**

Human SLC39A4 (NM_130849) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC39A4 (NM_130849) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC39A4
Synonyms:	AEZ; AWMS2; ZIP4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC209463 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGGCGTCCCTGGTCTCGCTGGAGCTGGGGCTGCTTCTGGCTGTGCTGGTGGTGACGGCGACGGCGTCCC
CGCCTGCTGGTCTGCTGAGCCTGCTCACCTCTGGCCAGGGCGCTCTGGATCAAGAGGCTCTGGGCGGCCT
GTAAATACGCTGGCGGACCGTGTGCACTGCACCAACGGGCCGTGTGAAAGTGCTGTGTGGAGGAC
GCCCTGGGCTGGGCGAGCCTGAGGGGTGAGGGCTGCCCCGGGCCCGGTCTGGAGGCCAGGTACGTGC
CCCGCCTCAGTGCCGCCCGCTCTGTACCTCAGCAACCCGAGGGCACCTGTGAGGACACTCGGGCTGG
CCTCTGGGCTCTCATGCAGACCACCTCTGGCCTGCTCGAGAGCCCCAAGGCCCTGACCCGGGCTG
AGCTGGCTGCTGCAGAGGATGCAGGCCCGGGTGCAGGCCAGACCCCAAGACGGCTGCGTAGATATCC
CTCAGCTGCTGGAGAGGCGGTGGGGCGGGGCTCCGGCAGTGTGGCGCGCTCTGGCTGCCCTGCT
GGACCATGTGAGAGCGGTCTTGCTTCCAGCCTTGCCGAGCCCTCAGTACTTCGTGGACTTTGTGTTT
CAGCAGACAGCAGCGAGGTCCCTATGACGCTGGCCGAGCTGTGAGCCTTGATGCAGCGCTGGGGGTGG
GCAGGGAGGCCACAGTGACCACAGTATCGGCACAGGGGAGCCAGCAGCCGGGACCTGTGCCCTCAT
CAGCTCCAGCAACAGTCCAGTGTGGGACACGGTATGCCTGAGTGCCAGGGACGTGATGGCTGCATAT
GGACTGTGCGAACAGGCTGGGGTGACCCCGGAGGCTGGGCCAACTGAGCCCTGCCCTGCTCAACAGC
AGCTGAGTGGAGCCTGCACCTCCAGTCCAGGCCCGGCTCCAGGACAGCTCAGCCAGTCAGAGAGGTA
TCTGTACGGCTCCCTGGCCACGCTGCTCATCTGCCTCTGCGCGGTCTTTGGCCTCCTGCTGCTGACCTGC
ACTGGCTGCAGGGGGTCACTCACTACATCTGCAGACCTTCTGAGCCTGGCAGTGGGTGCACTCACTG
GGGACGCTGCTGCTGATCTGACGCCAAGGTGCTGGGGTGCATACACACAGCAAGAGGGCTCAGCCC
ACAGCCACCTGGCGCCTCCTGGCTATGCTGGCCGGGCTCTACGCCTTCTTCTGTTTGAGAACCTCTTC
AATCTCCTGCTGCCAGGGACCGGAGGACCTGGAGGACGGGCCCTGCGGCCACAGCAGCCATAGCCACG
GGGGCCACAGCCACGGTGTGTCCTGCAGCTGGCACCCAGCGAGCTCCGGCAGCCCAAGCCCCCAGCA
GGGCTCCCGCGCAGACCTGGTGGCGGAGGAGCCCGAGCTGCTGAACCCTGAGCCAGGAGACTGAGC
CCAGAGTTGAGGCTACTGCCCTATATGATCACTCTGGGCGACGCCGTGCACAACCTCGCCGACGGGCTGG
CCGTGGGCGCGCCTTCGCGTCTCCTGGAAGACCGGGTGGCCACCTCGCTGGCCGTGTTCTGCCACGA
GTTGCCACACAGCTGGGGACTTCGCCGCTTGTCTGACGCGGGGCTGTCCGTGCGCCAAGCACTGCTG
CTGAACCTGGCCTCCGCGCTCACGGCCTTGTCTGCTCTACGTGGCACTCGCGTTGGAGTCAGCGAGG
AGAGCGAGGCTGGATCCTGGCAGTGGCCACCGGCTGTTCTCTACGTAGCACTCTGCGACATGCTCCC
GGCGATGTTGAAAGTACGGGACCGCGGCCCTGGCTCCTCTTCTGCTGCACAACGTGGGCTGCTGGG
GGCTGGACCGTCTGCTGCTGCTGTCCCTGTACGAGGATGACATCACCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC209463 protein sequence Red=Cloning site Green=Tags(s) MASLVSLLELGLLLAVLVVTATASPPAGLLSLLTSGQGALDQEALGGLLNTLADRVHCTNGPCGKCLSVED ALGLGEPEGSGLPVLEARYVARLSAAAVLYLSNPEGTCDTRAGLWASHADHLLALLESPKALTPGL SWLLQRMQARAAGQTPKTACVDIPQLLEEAVGAGAPGSAGGVLAALLDHVRSGSCFHALPSPQYFVDFVF QQHSSEVPMTLAELSALMQRLGVGREAHSDHSRHRGASSRDPVPLISSNSSSSVWDTVCLSARDVMAAY GLSEQAGVTPEAWAQLSPALLQQQLSGACTSQRPPVQDQLSQSERYLYGSLATLLICLCAVFGLLLLTC TGCRGVTHYILQTFLLAVGALTGDAVLHLTPKVLGLHHTHSEGLSPQPTWRLLAMLAGLYAFFLFENLF NLLLPRDPEDLEDGPCGHSSSHSHGHSHGVSLLQAPSELRQPKPPHEGSRADLVAEESPELLNPEPRRLS PELRLLPYMITLGDVHNFAADGLAVGAFASSWKTGLATSLAVFCHELPHELGDFAALLHAGLSVRQALL LNLASALTAFAGLYVALAVGVSESEAWILAVATGLFLYVALCDMLPAMLKVRDPRPWLLFLLHNVGLLG GWTVLLLLSLYEDDITF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_130849
ORF Size:	1941 bp
Buffer:	PBS with 0.001% Pluronic F6437
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_130849.2</u>
RefSeq Size:	2198 bp
RefSeq ORF:	1944 bp
Locus ID:	55630
UniProt ID:	<u>Q6P5W5</u>
Cytogenetics:	8q24.3
MW:	68.5 kDa