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Product datasheet for RC220307A1V

Human SLC39A12 (NM_152725) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC39A12 (NM_152725) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC39A12
Synonyms:	bA570F3.1; LZT-Hs8; ZIP-12
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC220307 representing NM_152725
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGCTTCCGGACAAAGCTCTCAGTATCCTGGGTGCCATTGTTTCTTCTACTCAGCCGTGTTTTTTCTA
CTGAGACAGACAAACCCTCAGCCCAGGACAGCAGAGGCCGTGGGAGTTCAGGCCAACCGGCAGACCTGCT
ACAGGTTCTCTCTGCTGGTGACCACCCACCCCACAACCACTCAAGAAGCCTCATCAAAACATTGTTGGAG
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CCTTCTCTATTACATTATTCATCAGGAAGAGATCTGTTCTTCAAAGCTCAACATGAGTAATAAAGAGTAT
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GCTGCAGAAAAAATCTGGAATAGTGAGCAGTGAAGGTGCTAATGAAAGTACGCTTCCTCAGTTGGCAGCC
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CAGAATATATTTTCAGTTCCTTGAATCGTACGAATACCCTCCGCCTATCAGAACTAGACCAACTCCTCAA
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GATTGCTATCTTGTGTCATGAAATCCCACATGAAATGGGAGACTTTGCCGTGCTCTTAAGCTCTGGACTT
TCTATGAAGACTGCCATCCTGATGAATTTTATAAGCTCCCTAACTGCCTTCATGGGATTATACATTGGCC
TTTCCGTGTCAGCTGATCCATGTGTTCAAGACTGGATCTTCACAGTCACTGCTGGGATGTTCTTATATTT
ATCCTTGGTTGAAATGCTTCCTGAAATGACTCATGTTCAAACACAACGACCCTGGATGATGTTTCTCCTG
CAAAACTTTGGATTGATCCTAGGTTGGCTTTCTCTCCTGCTCTTGGCTATATATGAGCAAAATATTAAAA
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC220307 representing NM_152725
Red=Cloning site Green=Tags(s)

MCFRTKLSVSWVPLFLLLSRVFSTETDKPSAQDSRGRGSSGQPADLLQVLSAGDHPPHNHSRSLIKTLLE
KTGCPRRRNGMQGDCNLCFEPDALLLIAGGNFEDQLREEVVQRVSLLLLYYIIHQEEICSSKLNMSNKEY
KFYLHSLLSLRQDEDSSFLSQNETEDILAFTRQYFDTSQSQCMETKTLQKKSGIVSSEGANESTLPQLAA
MIITLSLQGVCLGQGNLPSPDYFTEYIFSSLNRTNTLRLSELDQLLNTLWTRSTCIKNEKIHQFQRKQNN
IITHDQDYSNFSSSMEKESEDGPISWDQTCFSARQLVEIFLQKGLSLISKEDFKQMSPGIIQQLLSCSCH
LPKDQQAKLPPTTLEKYGYSTVAVTLLTLGSMLGTALVLFHSCEENYRLILQLFVGLAVGTLSGDALLHL
IPQVLGLHKQEAPEFGHFHESKGHIWKLMGLIGGIHGFFLIEKCFILLVSPNDKKSPEDSQAAEMPIGSM
TASNRKCKAISLLAIMILVGDSLHNFADGLAIGAAFSSSSESGVTTTIAILCHEIPHEMGDFAVLLSSGL
SMKTAILMNFISSLTAFMGLYIGLSVSADPCVQDWIFTVTAGMFLYLSLVEMLPEMTHVQTQRPWMMFLL
QNFGLILGWLSLLLLAIYEQNIKI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_152725

ORF Size: 1962 bp

Buffer: PBS with 0.001% Pluronic F8153

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_152725.1

RefSeq Size: 2636 bp

RefSeq ORF: 1965 bp

Locus ID: 221074

UniProt ID: Q504Y0

Cytogenetics: 10p12.33

MW: 72.7 kDa