

Product datasheet for **RC200379A1V**

Human SLC7A7 (NM_003982) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SLC7A7
Synonyms:	LAT3; LPI; MOP-2; γ+LAT-1; Y+LAT1
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC200379 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGTTGACAGCACTGAGTATGAAGTGGCCTCCAGCCTGAGGTGAAACCTCCCTTTGGGTGATGGG
 CCAGCCAGGGCCGAGCAGGTGAAGCTGAAGAAGGAGATCTCACTGCTTAACGGCGTGTGCCTGATTGT
 GGGGAACATGATCGGCTCGGGCATCTTTGTTTCCCCAAGGGTGTGCTCATATACAGTGCCTCCTTTGGT
 CTCTCTCTGGTCATCTGGGTGTGGGGGCTCTTCTCCGTCTTTGGGGCCCTTTGTTATGCGGAAGTGG
 GCACCAACCATTAAGAAATCTGGGGCCAGCTATGCCTATATCCTGGAGGCCTTTGGAGGATTCCTTGCTTT
 CATCAGACTCTGGACCTCCCTGCTCATCATTGAGCCACCAGCCAGGCCATCATTGCCATCACCTTTGCC
 AACTACATGGTACAGCCTCTCTCCGAGCTGCTTCGCCCCTTATGCTGCCAGCCGCTGCTGGTGCTG
 CCTGCATTTGTCTCTTAACCTTCATTAAGTGTGCCTATGTCAAATGGGAACCTGGTACAAGATATTTT
 CACCTATGCTAAAGTATTGGCACTGATCGCGTCATCGTTGCAGGCATTGTTAGACTTGGCCAGGGAGCC
 TCTACTCATTTTGAGAATTCCTTTGAGGGTTCATCATTGCACTGGGTGACATTGCCCTGGCACTGTACT
 CAGCTCTGTTCTCTACTCAGGCTGGGACACCCTCAACTATGTCACTGAAGAGATCAAGAATCCTGAGAG
 GAACCTGCCCTCTCCATTGGCATCTCCATGCCATTGTCAACATCATCTATATCTTGACCAATGTGGCC
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 CATTGTGGCTGCTTCTAGGCTTTTCTTTGTGGCTCAAGAGAAGGCCATCTCCCTGATGCCATCTGCATG
 ATCCATGTTGAGCGGTTACACCAAGTGCCTTCTGCTCTTCAATGGTATCATGGCATTGATCTACTTGT
 GCGTGAAGACATCTCCAGCTCATTAAGTACTACAGCTTCAGCTACTGGTCTTTGTGGGGCTTTCTAT
 TGTGGGTGAGCTTTATCTGCGCTGGAAGGAGCCTGATCGACCTCGTCCCTCAAGCTCAGCGTTTTCTTC
 CCGATTGTCTTCTGCTCTGCACCATCTTCTGGTGGCTGTTCCACTTTACAGTGATACTATCAACTCCC
 TCATCGGCATTGCCATTGCCCTCTCAGGCTGCCCTTTACTTCTCATCATCAGAGTGCCAGAACATAA
 GCGACCGCTTTACCTCCGAAGGATCGTGGGTCTGCCACAAGGTACCTCCAGGTCTGTGTATGTCAGTT
 GCTGCAGAAATGGATTTGGAAGATGGAGGAGAGATGCCCAAGCAACGGGATCCCAAGTCTAAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC200379 protein sequence
 Red=Cloning site Green=Tags(s)

MVDSTEYEVASQPEVETSPLGDGASPGPEQVKLKKEISLLNGVCLIVGNMIGSGIFVSPKGVLIYSASFG
 LSLVIWAVGGLFSVFGALCYAELGTTIKKSGASYAYILEAFGGFLAFIRLWTSLLIIEPTSQAIITFA
 NYMVQPLFPSCFAPYAASRLAAACICLLTFINCAVYKWGTLVQDIFTYAKVLALIAIVIVAGIVRLGQGA
 STHFENSFEGSSFVAGDIALALYSALFSYSGWDTLNYVTEEIKNPERNLPLSIGISMPIVTIIYILTNA
 YYTVLDMRDILASDAVAVTFADQIFGIFNWIIPLSVALSCFGGLNASIVAASRLFFVGSREGHLPDAICM
 IHVERFTVPVPSLLFNGIMALIYLCVEDIFQLINYYSFYWFFVGLSIVGQLYLRWKEPDRPRPLKLSVFF
 PIVFCLCTIFLVAVPLYSDTINSLIGIAIALSGLPFYFLIIRVPEHKRPLYLRRIVGSATRYLQVLCMSV
 AAEMDLEDGGEMPQKQDPKSN

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Human
Serotype: AAV-2
ACCN: NM_003982
ORF Size: 1533 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_003982.2</u>
RefSeq Size:	2531 bp
RefSeq ORF:	1536 bp
Locus ID:	9056
Cytogenetics:	14q11.2
MW:	56 kDa