

Product datasheet for **RC227127A1V**

Human SLC37A2 (NM_001145290) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SLC37A2
Synonyms:	pp11662
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >RC227127 representing NM_001145290
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGGTCCTCCCTGGCTCCGGGAGTCTGGTTCTCCGGGCCTTCTCCAGGGACAGCTGGTTCCGAGGCC
 TCATCTGCTGCTGACCTTCCTAATTACGCCTGCTATCACATGTCCAGGAAGCCTATCAGTATCGTCAA
 GAGCCGCTCTGCACCAAGTCTCGGAGCAGATCAAAACCATCAATGATACTCACAGTCTCAATGACACC
 ATGTGGTGCAGCTGGGCCCCATTTGACAAGGACAATAAAGGAGTTACTAGGGGGCGTGGACAACGCCT
 TCCTCATCGCCTATGCCATCGCATGTTTCATCAGTGGGGTTTTGGGGAGCGGCTCCGCTCCGTTACTA
 CCTCTCAGCTGGAATGCTGCTCAGTGGCCTTTTACCTCGCTCTTTGGCCTGGGATATTTCTGGAACATC
 CACGAGCTCTGGTACTTTGTGGTCTCCAGGTCTGTAATGGACTCGTCCAGACCACAGGCTGGCCCTCTG
 TGGTGACCTGTGTTGGCAACTGGTTCGGGAAGGGGAAGCGGGGTTTCATCATGGGCATCTGGAATCCCA
 CACATCTGTGGCAACATCCTGGGCTCCCTGATCGCCGGCATCTGGGTGAACGGGCAGTGGGGCTGTGCG
 TTCATCGTGCTGGCATCATTACTGCCGTATGGGCGTCATCACCTTCCTCTTCTCATCGAACCCAG
 AAGATGTGGACTGCGCCCTCCTCAGCACCACGGTGAGCCAGCTGAGAACCAGGACAACCCCTGAGGACCC
 TGGGAACAGTCCCTGCTCTATCAGGGAGAGCGGCTTGAGACTGTGGCCAAATGCTCCAAGGGGCCATGC
 GAAGAGCCTGCTGCCATCAGCTTCTTTGGGGCGCTCCGGATCCCAGGCGTGGTTCGAGTTCTCTCTGTGTC
 TGCTGTTTGGCAAGCTGGTCAGTTACACCTTCCTCTACTGGCTGCCCTCTACATCGCCAATGTGGCTCA
 CTTTAGTGCCAAGGAGGCTGGGGACCTGTCTACACTCTTCGATGTTGGTGGCATCATAGGCGGCATCGTG
 GCAGGGCTCGTCTCTGACTACCAATGGCAGGGCCACCACTTGCTGTGTCATGCTCATCTTGGTGCCC
 CCATGATGTTCTGTACAACATACATTGGCCAGGACGGATTGCCAGCTCCATAGTGATGCTGATCATCTG
 TGGGGGCTGGTCAATGGCCCATACGCGCTCATCACCCTGCTGTCTCTGCTGATCTGGGACTCACAAG
 AGCCTGAAGGGCAACGCCAAAGCCCTGTCCACGGTCACGGCCATATTGACGGCACCGGCTCCATAGGTG
 CGGCTCTGGGGCTCTGCTGGCTGGGCTCATCTCCCCACGGGCTGGAACAAATGCTTCTACATGCTCAT
 CTCTGCCGACGTCCTAGCCTGCTTCTCTTGGCGGTAGTATACAAAGAGATCTTGGCCTGGAAGGTG
 TCCTGAGCAGAGGCAGCGGGTATAAAGAAATA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC227127 representing NM_001145290
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MRSSLAPGVWFFRAFSRDSWFRGLILLTFLIYACYHMSRKPIISIVKSRLHQCSEQIKPINDTHSLNDT
 MWCSWAPFDKDNKELLGGVDNAFLIAYAIGMFISGVFGERLPLRYLSAGMLLSGLFTSLFGLGYFWNI
 HELWYFVVIQVCNGLVQTTGWPSVVTVCVGNWFGKGRGFIIMGIWNSHTSVGNILGSLIAGIWNVNGWGLS
 FIVPGIITAVMGVITFLFLIEHPEDVDCAPPQHHEPAENQDNPEDPGNSPCSIRESGLETVAKCSKGPC
 EEPAAISFFGALRIPGVVEFSLCLLFAKLVSYTFLYWLPLYIANVAHFSAKEAGDLSTLFDVGGIIGGIV
 AGLVSDYTNGRATTCVMLILAAPMMFLYNYIGQDGIASSIVMLIICGGLVNGPYALITTAVSADLGTHK
 SLKGNALSTVTAIIDGTGSIGAALGPLLAGLISPTGWNNVFYMLISADVLACLLLCRLVYKEILAWKV
 SLSRGSYKEI

TRTRPLE**QKLI**SEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_001145290

ORF Size: 1503 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_001145290.1</u>
RefSeq ORF:	1506 bp
Locus ID:	219855
UniProt ID:	<u>Q8TED4</u>
Cytogenetics:	11q24.2
MW:	54.3 kDa