

Product datasheet for **RC228894A1V**

Human **SLC37A4** (NM_001164277) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC37A4 (NM_001164277) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC37A4
Synonyms:	G6PT1; G6PT2; G6PT3; GSD1b; GSD1c; GSD1d; PRO0685; TRG-19; TRG19
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC228894 representing NM_001164277 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGGCAGCCCAGGGCTATGGCTATTATCGCACTGTGATCTTCTCAGCCATGTTTGGGGGCTACAGCCTGT
ATTACTTCAATCGCAAGACCTTCTCCTTTGTCATGCCATCATTGGTGAAGAGATCCCTTTGGACAAGGA
TGATTTGGGGTTCATCACCAGCAGCCAGTCGGCAGCTTATGCTATCAGCAAGTTTGTCACTGGGGTGCTG
TCTGACCAGATGAGTGCTCGCTGGCTCTTCTCTTCTGGGCTGCTCCTGGTTGGCCTGGTCAACATATTCT
TTGCCTGGAGCTCCACAGTACCTGTCTTTGCTGCCCTCTGGTTCTTAATGGCCTGGCCAGGGGCTGGG
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CTGTCAACCAGCATGAACCTGGCTGGAGGGCTGGGCCCTATCCTGGCAACCATCCTTGCCAGAGCTACA
GCTGGCGCAGCACGCTGGCCCTATCTGGGGCACTGTGTGTGGTTGTCTCCTTCTCTGTCTCCTGCTCAT
CCACAATGAACCTGCTGATGTTGGACTCCGCAACCTGGACCCCATGCCCTCTGAGGGCAAGAAGGGCTCC
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GTCAGCCCTTGTAGGTAGCTCCTACATGAGTGCCTGGAAGTTGGGGCCTTGTAGGCAGCATCGCAGCT
GGCTACCTGTGACACCGGCCATGGCAAAGGCGGGACTGTCCAACACGGAACCTCGCCATGGCCTGT
TGCTGTTTCATGATGGCTGGCATGACAGTGTCCATGTACCTCTTCCGGGTAAACAGTGACCACTGACCTCCC
CAAGCTCTGGATCCTGGTATTGGGAGCTGTATTGGTTTCTCCTCGTATGGCCCCATTGGCCTGTTTGA
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ATGTGGGCGGCTTTCTGGCTGGGCTGCCCTTCAGCACCATTGCCAAGCACTACAGTTGGAGCACAGCCTT
CTGGGTGGCTGAAGTGATTTGTGCGGCCAGCACGGCTGCCTTCTTCTCTACGAACATCCGCACCAAG
ATGGGCCGAGTGTCCAAGAAGGCTGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC228894 representing NM_001164277 Red=Cloning site Green=Tags(s) MAAQGYGYRTVIFSAMFGGYSLYYFNRTFSFVMPSLVEEIPLDKDDLGFITSSQSAAYAISKFVSGVL SDQMSARWLFSSGLLLVGLVNIFFAWSSTVPVFAALWFLNGLAQGLGWPPCGKVLRKWFPSQFGTWWAI LSTSMNLAGGLPILATILAQSYSWRSTLALSGALCVVVSFLCLLLIHNEPADVGLRNLDPMPEGGKGS LKEESTLQELLSPYLWVLSTGYLVVFGVKTCCTDWGQFFLIQEKQSALVGSSYMSALEVGGLVGSIAA GYLSDRAMAKAGLSNYGNPRHGLLLFMMAGMTVSMYLFRTVTSDSPKLWILVLGAVFGFSSYGPIALFG VIANESAPPNLCGTSHAIVGLMANVGGFLAGLPFSTIAKHYSWSTAFWVAEVICAATAAFFLLRNIRTK MGRVSKKAE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001164277
ORF Size:	1287 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_001164277.1</u> , <u>NP_001157749.1</u>
RefSeq ORF:	1290 bp
Locus ID:	2542
UniProt ID:	<u>O43826</u>
Cytogenetics:	11q23.3
MW:	46.2 kDa