

Product datasheet for **RC209198A1V**

Human SLC30A7 (NM_133496) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	SLC30A7
Synonyms:	ZnT-7; ZNT7; ZnTL2
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence: >RC209198 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGTTGCCCTGTCCATCAAAGACGATGAATACAAACCACCAAGTTCAATTTGTTTCGGCAAGATCTCGG
GCTGGTTTAGGTCTATACTGTCCGACAAGACTTCCCGAACCTGTTTTCTCCTGTGCCTGAACCTCTC
TTTCGCTTTTGTGGAAGTACTCTACGGCATCTGGAGCAACTGCTTAGGCTTGATTTCCGACTCTTTTCAC
ATGTTTTTCGATAGCACTGCCATTTTGGCTGGACTGGCAGCTTCTGTTATTTCAAATGGAGAGATAATG
ATGCTTTCTCCTATGGGTATGTTAGAGCGGAAGTTCTGGCTGGCTTTGCAATGGCCTATTTTGTATCTT
CACTGCTTTTTTTATTTCTCAGAAGGAGTTGAGAGAGCATTAGCCCTCCAGATGTCCACCATGAGAGA
CTGCTTCTTGTTTCCATTCTTGGGTTTGTGTTAAACCTAATAGGAATATTTGTTTTCAAACATGGAGGTC
ATGGACATTCTCATGGCTCTGGCCACGGACACAGTCATTCCCTCTTTAATGGTGCTCTAGATCAGGCACA
TGGCCATGTCGATCATTGCCATAGCCATGAAGTAAACATGGTGCTGCACATAGCCATGATCATGCTCAT
GGACATGGACACTTTCATTCTCATGATGGCCGTCCTTAAAGAAACAACAGGACCCAGCAGACAGATTT
TACAAGGTGTATTTTACATATCCTAGCAGATACACTTGAAGTATTGGTGTAATTGCTTCTGCCATCAT
GATGCAAAATTTTGGTCTGATGATAGCAGATCCTATCTGTTCAATCTTATAGCCATTCTTATAGTTGTA
AGTGTTATTCCTCTTTAAGAGAATCTGTTGGAATATTAATGCAGAGAAGTCTCCCTATTAGAAAATA
GTCTGCCTCAGTGCTATCAGAGGTACAGCAGTTGCAAGGAGTTTACAGTTTACAGGAACAGCAGCTTCTG
GACTTTATGTTCTGACGTTTATGTTGGGACCTTGAAATTAATAGTAGCACCTGATGCTGATGCTAGGTGG
ATTTTAAGCCAAACACATAATATTTTACTCAGGCTGGAGTGAGACAGCTCTACGTACAGATTGATTTTG
CAGCCATG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATACGACGATAAGGTTTAA



Protein Sequence:	>RC209198 protein sequence Red=Cloning site Green=Tags(s) MLPLSIKDDEYKPPKFNLFKGISGWFRSILSDKTSRNLFFFLCLNLSFAFVELLYGIWSNCLGLISDSFH MFFDSTAILAGLAASVISKWRDNDAFSYGYVRAEVLAGFVNGLFLIFTAFFIFSEGVERALAPPDVHHER LLLVSILGFVNLIGIFVKHGGHSHSGHSHSLFNGALDQAHGHVDHCHSHEVKHGAHSHDHAH GHGHFHSHDGPSLKETTGPSRQILQGVFLHILADTLGSIQVIAASIMQNFGLMIADPICSLIAILIVV SVIPLLRRESVGILMQRTPLLENSLPQCYQRVQQLQGVYSLQEQLHFWTLCSDDVYVGTLLKLIAPDADARW ILSQTHNIFTQAGVRQLYVQIDFAAM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_133496
ORF Size:	1128 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_133496.3, NP_598003.2</u>
RefSeq Size:	8232 bp
RefSeq ORF:	1131 bp
Locus ID:	148867
UniProt ID:	<u>Q8NEW0</u>
Cytogenetics:	1p21.2
MW:	41.6 kDa