

Product datasheet for **RC217264A1V**

Human SLC44A4 (NM_025257) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC44A4 (NM_025257) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC44A4
Synonyms:	C6orf29; CTL4; DFNA72; hTPPT1; NG22; TPPT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217264 representing NM_025257
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGGGAAGCAGCGGGACGAGGATGACGAGGCCTACGGGAAGCCAGTCAAATACGACCCCTCCTTTC
 GAGGCCCCATCAAGAACAGAAGCTGCACAGATGTCATCTGCTGCGTCCTTCTCCTGCTCTTCATTCTAGG
 TTACATCGTGGTGGGATTGTGGCCTGGTTGTATGGAGACCCCGGCAAGTCCTTACCCAGGAAGTCT
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 GCATCTGTCCAGCAACATCATCTCAGTTGCTGAGAACGGCCTACAGTGGCCACACCCAGGTGTGTGT
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 AGCCTCAATGCCCGAGACATCAGTGTTAAGATCTTTGAAGATTTGCCCAGTCCCTGGTATTGGATTCTTG
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 ATGATGCTACCATGTTCTACCACTGGTCACCTTTGTCTCCTCCTCATCTGCATTGCCTACTGGGCCA
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 CGGCTGTGAGAAAGTGCCAATAAATACATCATGCAACCCACGGCCACCTTGTGAAGTCTCCTGTCGCCA
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 TCTATGGGGTCTGGGGCTCTTCTGGACCTTAAGTGGTACTGGCCCTGGGCCAATGCGTCTCGCTGG
 AGCCTTTGCTCCTTCTACTGGGCCTTCCACAAGCCCCAGGACATCCCTACCTTCCCCTTAATCTCTGCC
 TTCATCCGCACACTCCGTTACCACACTGGGTCAATGGCATTTGGAGCCCTCATCCTGACCCTTGTGCAGA
 TAGCCCGGTCATCTTGGAGTATATTGACCACAAGCTCAGAGGAGTGCAAGCCCTGTAGCCCGTGCAT
 CATGTGCTGTTTCAAGTGCTGCCTCTGGTGTCTGGAAAAATTTATCAAGTTCTAAACCGCAATGCATAC
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 ACATTGTGAGGGTGGTCTGCTGACAAAGTCACAGACCTGCTGCTGTTCTTTGGGAAGCTGCTGGTGGT
 CGGAGGCGTGGGGTCTGTCTCTTTTCTCCGGTTCGATCCCGGGGCTGGGTAAAGACTTTAAG
 AGCCCCACCTCAACTATTACTGGCTGCCCATCATGACCTCCATCCTGGGGGCCTATGTCATCGCCAGCG
 GCTTCTCAGCGTTTTTCGGCATGTGTGTGGACACGCTCTTCTCTGCTTCTGGAAGACCTGGAGCGGAA
 CAACGGCTCCCTGGACCGGCCCTACTACATGTCCAAGAGCCTTCTAAAGATTCTGGGCAAGAAGAACGAG
 GCGCCCCGGACAACAAGAAGAGGAAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC217264 representing NM_025257 Red=Cloning site Green=Tags(s) MGGKQRDEDEAYGKPKYDPSFRGPIKNRSCDVIICCVLFLLFILGYIVVGIVAWLYGDPRQVLYPRNS TGAYCGMGENKDKPYLLYFNIFSCILSSNIISVAENGLQCPTPQVCVSSCPEDPWTVGKNEFSQTVGEVF YTKNRNFCPLPGVPWNMTVITSLQQELCPSFLLPSAPALGRCFPWTNVTTPALPGITNDTTIQGISGLID SLNARDISVKIFEDFAQSWYILVALGVALVLSLLFILLRLVAGPLVLVLILGVLGVLAYGIYYCWEEY RVLRDKGASISQLGFTTNLSAYQSVQETWLAALIVLAVLEAILLMLIFLRQIRIRIAIALLEASKAVGQ MMSTMFYPLVTFVLLLCIAYWAMTALYLATSGQPQYVLWASNISSPGCEKVPINTSCNPTAHLVNSSCP GLMCFVQGYSSKGLIQRSVFNLQIYGVLFGLFWTLNWVLALGQCVLAGAFASFYWAFHKPQDIPTFPLISA FIRTLRYHTGSLAFGALILTLVQIARVILEYIDHKLGRVQNPVARCIMCCFKCCLWCLEKFIKFLNRNAY IMIAIYGNFCVSAKNAFMLLMRNIVRVVLDKVTDLFFFGLKLLVVGGVGVLSFFFFSGRIPGLGKDFK SPHLNYYWLPIMTSILGAYVIASGFFSVFGMCDTLFLCFLEDLERNNGSLDRPYMSKSLKILGKKNE APPDNKKRKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_025257
ORF Size:	2130 bp
Buffer:	PBS with 0.001% Pluronic F7662
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_025257.2
RefSeq Size:	2643 bp
RefSeq ORF:	2133 bp
Locus ID:	80736
UniProt ID:	Q53GD3
Cytogenetics:	6p21.33
MW:	79.3 kDa