

Product datasheet for **RC230412A1V**

Human SLC44A4 (NM_001178044) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC44A4 (NM_001178044) 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:**

>RC230412 representing NM_001178044
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGGGGAAGCAGCGGGACGAGGATGACGAGGCCTACGGGAAGCCAGTCAAATACGACCCCTCCTTTC
 GAGGCCCCATCAAGAACAGAAGCTGCACAGATGTCATCTGCTGCGTCCTTCTCCTGCTCTTCATTCTAGG
 TTACATCGTGGTGGGATTGTGGCCTGGTTGTATGGAGACCCCGGCAAGTCTCTACCCAGGAACTCT
 ACTGGGGCCTACTGTGGCATGGGGGAGAACAAAGATAAGCCGTATCTCCTGTACTTCAACATCTTCAGCT
 GCATCTGTCCAGCAACATCATCTCAGTTGCTGAGAACGGCCTACAGTGGCCACACCCAGACGGTGAT
 CACAAGCCTGCAACAGGAACTCTGCCCCAGTTTCTCCTCCCCTCTGCTCCAGCTCTGGGGCGTGCTTT
 CCATGGACCAACGTTACTCCACGGCGCTCCAGGGATACCAATGACACCACCATAACAGCAGGGGATCA
 GCGGTCTTATTGACAGCCTCAATGCCCGAGACATCAGTGTTAAGATCTTTGAAGATTTTGCCAGTCCTG
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 GCTGGGAGGAGTACCGAGTGTGCGGGACAAGGGCGCCTCCATCTCCAGCTGGGTTTACCACCAACCT
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 AGGCTGTGGGACAGATGATGTCTACCATGTTCTACCCACTGGTCACCTTTGTCTCTCTCATCTGCAT
 TGCCTACTGGGCCATGACTGCTCTGTACCTGGCTACATCGGGCAACCCAGTATGTGCTCTGGGCATCC
 AACATCAGCTCCCCGGCTGTGAGAAAGTGCCAATAAATACATCATGCAACCCACGGCCACCTTGTA
 ACTCCTCGTGGCCAGGGCTGATGTGCGTCTTCCAGGGCTACTCATCAAAGGCCAATCCAACGTTCTGT
 CTTCAATCTGCAATCTATGGGGTCTGGGGCTCTTCTGGACCCCTTAAGTGGTACTGGCCCTGGGCCAA
 TGCGTCTCGCTGGAGCCTTTGCCTCCTTCTACTGGGCCTTCCACAAGCCCAGGACATCCCTACCTTCC
 CCTTAATCTCTGCCTTATCCGCACACTCCGTTACCACACTGGGTCAATTGGCATTGGAGCCCTCATCCT
 GACCCCTGTGCAGATAGCCCGGTCTCTTGGAGTATATTGACCACAAGCTCAGAGGAGTGCAGAACCT
 GTAGCCCGCTGCATCATGTGCTGTTTCAAGTGTGCTCTGGTGTCTGGAAAAATTTATCAAGTTCCTAA
 ACCGCAATGCATACATCATGATCGCCATCTACGGGAAGAATTTCTGTGTCTCAGCCAAAAATGCGTTCAT
 GCTACTCATGCGAAACATTGTCAGGGTGGTCTGCTGGACAAAGTCACAGACCTGCTGCTGTTCTTTGGG
 AAGCTGCTGGTGGTGGAGGCGTGGGGTCTGTCCTTCTTTTTTCTCCGGTCGCATCCCGGGGCTGG
 GTAAAGACTTTAAGAGCCCCACCTCAACTATTACTGGCTGCCCATCATGACCTCCATCCTGGGGGCTTA
 TGTCATCGCCAGCGGCTTCTTACGCGTTTTCGGCATGTGTGTGGACACGCTCTTCTCTGCTTCTTGAA
 GACCTGGAGCGGAACACGGCTCCCTGGACCGGCCCTACTACATGTCCAAGAGCCTTCTAAAGATTCTGG
 GCAAGAAGAACGAGGCGCCCCGGACAACAAGAAGAGGAAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC230412 representing NM_001178044 Red=Cloning site Green=Tags(s) MGGKQRDEDEAYGKPKYDPSFRGPIKNRSCDVIICCVLFLFILGYIVVGIVAWLYGDPRQVLYPRNS TGAYCGMGENKDKPYLLYFNIFSCILSSNIISVAENGLQCPTPQTIVITSLQQELCPSFLLPSAPALGRCF PWTNVTTPALPGITNDTTIQGISGLIDSLNARDISVKIFEDFAQSWYILVALGVALVLSLLFILLRL VAGPLVLVLILGVLGVLAYGIYYCWEEYRVLDRDKGASISQLGFTTNLSAYQSVQETWLAALIVLAVLEAI LLLMLIFLRQIRIAIALLLKEASKAVGQMMSTMFYPLVTFVLLLCIAYWAMTALYLATSGQPQYVLWAS NISSPGCEKVPINTSCNPTAHLVNSSCPGLMCVFQGYSSKGLIQRSVFNLQIYGVGLFWTLNWWLALGQ CVLAGAFASFYWAFHKPDIPFPLISAFIRTLRYHTGSLAFGALILTLVQIARVILEYIDHKLRGVQNP VARCIMCCFKCCLWCLEKFIKFLNRNAYIMIAIYGKNFCVSAKNAFMLLMRNIVRVVLDKVTDLFFF KLLVVGVGVLSTFFFSGRIPGLGKDFKSPHLNYYWLPIMTSILGAYVIASGFFSVFGMCVDTLFLCFLE DLERNNGSLDRPYMSKSLKILGKKNEAPPDNKKRKK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001178044
ORF Size:	2004 bp
Buffer:	PBS with 0.001% Pluronic F9766
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_001178044.1, NP_001171515.1</u>
RefSeq ORF:	2007 bp
Locus ID:	80736
UniProt ID:	<u>Q53GD3</u>
Cytogenetics:	6p21.33
MW:	75 kDa