

Product datasheet for **RC215932A1V**

Human SLC15A4 (NM_145648) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC15A4 (NM_145648) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC15A4
Synonyms:	FP12591; PHT1; PTR4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC215932 representing NM_145648
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGAGGGCTCTGGGGCGGTGCGGGCAGCGGGCGCCGCTGCTGGGCGCGGGCGGGCGGGCGGGCGGCGGCGGCGGCGGGCGGTTCGCGGGCGGCGCGCGCGCGCGCGCGGTGCTGCTGACGAGCTGCTGGA
 GCGCGCGCGCTTTCTACGGCATCACGTCCAACCTGGTGCTATTCCTGAACGGGGCGCCGTTCTGCTGGGAG
 GGCGCGCAGGCCAGCGAGGCGCTGCTGCTTTCATGGGCTCACCTACCTGGGCTCGCCGTTTCGGAGGCT
 GGCTGGCCGACGCGGGCTGGGCGGGCGCGGCCATCCTGCTGAGCCTGGCGCTCTACCTGCTGGGCAT
 GCTGGCCTTCCCGCTGCTGGCGCGCCCGCCACGCGAGCCGCGCTCTGCGGTTCCGCGCGCTGCTCAAC
 TGCACGGCGCCTGGTCCCGACGCGCCCGCCCGCTGCTGCTCACCGGCCACCTTCGCGGGGCTGGTGTGG
 TGGGCTGGGCGTGGCCACCGTCAAGGCCAACATCACGCCCTTCGCGCGCCAGCAGGTTAAAGATCGAGG
 TCCGGAAGCCACTAGGAGATTTTTAATTGGTTTTATTGGAGCATTAACTGGGAGCGATCCTGTCTGTTA
 GGTGGCATTGCCTATATTCAGCAGAACGTGAGCTTTGTCACTGGTTATGCGATCCCCACTGTCTGCGTCG
 GCCTTGCTTTTGTGGTCTTCTCTGTGGCCAGAGCGTTTTATCACCAAGCCTCCTGATGGCAGTGCCTT
 CACCGACATGTTCAAGATACTGACGTATTCTGCTGTTCCAGAAAGCGAAGTGGAGAGCGCCAGAGTAAT
 GGTGAAGGCATTGGAGTCTTTCAGCAATCTTCTAAACAAAGTCTGTTTGATTGATGTAAGATGTCTCATG
 GTGGGCCATTTACAGAAGAGAAAGTGAAGATGTGAAAGCTCTGGTCAAGATTGTCCCTGTTTTCTTGGC
 TTTGATACCTTACTGGACAGTGTATTTCCAAATGCAGACAACATATGTTTACAGAGTCTTCATTTGAGG
 ATTCAGAAATTTCAAATATTACAACCACTCTCACACGCTCCCTGCAGCCTGGCTGACCATGTTTGATG
 CTGTGCTCATCTCTGCTCATCCCTCTGAAGGACAACTGGTCGATCCCATTTTGAGAAGACATGGCCT
 GCTCCCATCTCCCTGAAGAGGATCGCGTGGGCATGTTCTTTGTGATGTGCTCGGCCTTTGCTGCAGGA
 ATTTTGGAGAGTAAAAGGCTGAACCTTGTTAAAGAGAAAACCTTAATCAGACCATCGGCAACGTCGTCT
 ACCATGCTGCCGATCTGTCGCTGTTGGTGGCAGGTGCCGAGTACTTGCTGATTGGGATCAGCGAGATCTT
 TGCAAGTATCGCAGGCCTGGAATTTGCATACTCAGCTGCCCCCAAGTCCATGCAGAGTGCATAATGGGC
 TTGTTCTTTTCTTCTGCGTGGGTGCTTCTGGTGGTCTGGACTGCTGGCACTGGTGTCTATCAAAG
 CCATCGGATGGATGAGCAGTACACAGACTTTGGTAATATAACGGCTGCTATTTGAACATTACTTTTT
 TCTTCTGGCTGCTATTCAAGGAGCTACCCTCTGCTTTTCTCATTATTTCTGTGAAATATGACCATCAT
 CGAGACCATCAGCGATCAAGAGCCAATGGCGTCCCAACAGCAGGAGGGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MEGSGGGAGERAPLLGARRAAAAAAAGAFAGRRACGAVLLTELLERAAFYGITSNLVFLNGAPFCWE
 GAQASEALLLFMGLTYLGSPFGWLADARLGRARAILLSLALYLLGMLAFPLLAAPATRAALCGSARLLN
 CTAPGPDAAARCCSPATFAGLVVLGVATVKANITPFGADQVKDRGPEATRRFFNWFYWSINLGAILSL
 GGIAYIQNVSFVTGYAIPVTVGLAFVVLFCGQSVFITKPPDGSAFTDMFKILTYSQSSQKRSGERQSN
 GEGIGVFQSSKQSLFDSCMSHGGPFTEEKVEDVKALVKIVPVFLALIPYWTYVFQMOTTYVLQSLHLR
 IPEISNITTTPTLPAAWLTMFDAVLILLIPLKDKLVDPIILRRHGLLPSSLKRIAVGMFFVMCSAFAAG
 ILESKRLNLVKEKTINQITGNVYHAADLSLWWQVPQYLLIGISEIFASIAGLEFAYSAPKSMQSAIMG
 LFFFSVGVSFVGSGLLALVSIKAIWMSSTDFGNINGCYLNYYFLLAAIQGATLLLFLLIISVKYDHH
 RDHQRSRANGVPTSRRRA

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_145648
ORF Size:	1731 bp
Buffer:	PBS with 0.001% Pluronic F7461
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_145648.3</u>
RefSeq Size:	2789 bp
RefSeq ORF:	1734 bp
Locus ID:	121260
UniProt ID:	<u>Q8N697</u>
Cytogenetics:	12q24.33
MW:	62 kDa