

Product datasheet for **RC207745A1V**

Human SLC15A3 (NM_016582) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC15A3 (NM_016582) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC15A3
Synonyms:	OCTP; PHT2; PTR3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207745 representing NM_016582
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCCGCGCCGCGCCCGGGAGCAGCCCGCGTGCCCGGGAGCGCCAGCCGCTGCTGCCTCGCGGTG
 CGCGGGGCCCTCGACGGTGGCGCGGGCGGGCGCGGCCGTGCTGCTGGTGGAGATGCTGGAGCGCGC
 CGCCTTCTTCGGCGTCACCGCCAACCTCGTGCTGTACCTCAACAGCACCAACTTCAACTGGACCGCGAG
 CAGCGACGCGCGCGCTGGTATTCTGGCGCCTCTACCTGCTGGCGCCGTGGCGGCTGGCTGG
 CCGACGTGTACCTGGCCGCTACCGCGCGGTGCGCTCAGCCTGCTGCTCTACCTGGCCGCTCGGGCT
 GCTGCCCGCCACCGCCTTCCCCGACGGCCGAGCTCCTTCTGCGGAGAGATGCCCGCTCGCCGCTGGGA
 CCTGCCTGCCCTCGGCCGCTGCCCGCTCCTCGCCAGCCCTACTGCGCGCCGCTCTCTACGCGG
 GCCTGCTGCTACTCGCCTGGCCGCGAGCTCCGTCGGAGCAACCTCACCTCTTCGGTCCGACCAAGT
 GATGGATCTCGCCGCGACGCCACCCGCGCTTCTTCAACTGGTTTTACTGGAGCATCAACTGGGTGCT
 GTGCTGTGCTGCTGGTGGTGGCTTTATTCAGCAGAATCAGCTTCTGCTGGGCTACAGCATCCCTG
 TGGGCTGTGTGGCCTGGCATTTTTATCTTCTCTTTGCCACCCCGTCTTATCACCAAGCCCCGAT
 GGGCAGCCAAGTGTCTCTATGCTTAAGCTCGCTCTCCAAACTGCTGCCCCAGCTGTGGCAACGACAC
 TCGGCCAGAGACCGTCAATGTGCCCGCTGCTGGCCGACGAGAGGTCTCCCCAGCCAGGGGCTTCCCCGC
 AAGAGGACATCGCAACTTCCAGGTGCTGGTGAAGATCTTGCCCGTATGGTGACCTGGTGCCCTACTG
 GATGGTCTACTTCCAGATGCAGTCCACCTATGCTCTGCAGGTCTTACCTCCACATCCAAACTTTTTT
 CCAGCCAACCCGGCCAACATCTCTGTGGCCTGAGAGCCAGGGCAGCAGCTACACGATCCCGGAAGCCT
 GGCTCCTCTGGCCAATGTTGTGGTGGTCTGATTCTGGTCCCTCTGAAGGACCGCTTGATCGACCTTT
 ACTGCTCGGTGCAAGCTGCTTCCCTCTGCTCTGCAGAAGATGGCGCTGGGGATGTTCTTTGGTTTTACC
 TCCGTCTTGTGGCAGGAGTCTGGAGATGGAGCGCTTACACTACATCCACCACAACGAGACCGTGTCCC
 AGCAGATTGGGAGGTCTGTACAACGCGGCACCACTGTCCATCTGGTGGCAGATCCCTCAGTACCTGCT
 CATTGGGATCAGTGAGATCTTTGCCAGCATCCAGGCCTGGAGTTTGCCTACTCAGAGGCCCCGCGCTCC
 ATGCAGGGCGCCATCATGGGCATCTTCTGCTGCTGCGGGGTGGGCTCACTGTTGGGCTCCAGCCTAG
 TGGCACTGCTGCTTGGCCGGGGCTGGCTGCACTGCCCAAGGACTTTGGGAACATCAACAATTGCCG
 GATGGACCTCTACTTCTTCTGCTGGCTGGCATTACAGCCGTCACGGCTCTCTATTTGCTGGATCGCT
 GGACGCTATGAGAGGGCTCCAGGGCCAGCCTCCACAGCCGTTTACGAGGGACAGGGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207745 representing NM_016582
 Red=Cloning site Green=Tags(s)

MPAPRAREQPRVPGERQPLLPRGARGPRRWRRAAGAAVLLVEMLERAFFGV TANLVLNLSTNFWNTGE
 QATRAALVFLGASYLLAPVGGWLADVYLGRYRAVALSLLLYLAASGLLPATAFPDGRSSFCGEMPASPLG
 PACPSAGCPRSSPSYCAPVLYAGLLLLGLAASSVRSNLTSFGADQVMDLGRDATRRFFNWFYWSINLGA
 VLSLLVVAFIQQNISFLLGYSIPVGCVLGAFFIFL FATPVFITKPPMGSQVSSMLKLALQNCCPQLWQRH
 SARDRQCARVLADERSPPQGPASPDIEDIANFQVLVKILPVMVTLVPYWMVYFQMSTYVLQGLHLHIPNFF
 PANPANISVALRAQGSSYTIPEAWLLL ANVVVVLILVPLKDRLIDPLLLRCKLLPSALQKMGALGMFFGFT
 SVIVAGVLEMERLHYIHHNETVSQQIGEVLYNAAPLSIWWQIPQYLLIGISEIFASIPGLEFAYSEAPRS
 MQGAIMGIFFLSGVGSLLGSSLVALLSLPGWLHCPKDFGNINNCMDLYFFLLAGIQAVTALLFWVIA
 GRYERASQGPASHSRFSRDRG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_016582
ORF Size:	1743 bp
Buffer:	PBS with 0.001% Pluronic F6125
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_016582.1</u>
RefSeq Size:	2113 bp
RefSeq ORF:	1746 bp
Locus ID:	51296
UniProt ID:	<u>Q8IY34</u>
Cytogenetics:	11q12.2
MW:	63.4 kDa