

Product datasheet for **RC222116A1V**

Human SLC22A13 (NM_004256) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC22A13 (NM_004256) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC22A13
Synonyms:	OAT10; OCTL1; OCTL3; ORCTL-3; ORCTL3
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC222116 representing NM_004256
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGCTCAGTTTGTCCAGGTCCTGGCTGAAATAGGTGACTTTGGTCGCTTCCAGATACAGCTATTGATCC
 TGCTGTGTGTTCTCAACTTCCTGTCTCCTTCTACTTTTTTGCCCATGCTTCATGGTCCTAGATGAGCC
 CCACCACTGTGCAGTGGCTTGGGTGAAGAACCACACTTTCAACCTGAGTGTGCTGAACAGCTGGTACTG
 AGCGTGCCCTGGACACTGCAGGTACCCAGAGCCCTGCCTCATGTTCCGGCCACCCCCGCCAATGCCA
 GCCTGCAGGACATCCTCAGCCACCGTTCAATGAGACGACGCTTGTGATATGGGCTGGGAATATCCTGA
 GAACAGGCTCCCATCCCTGAAGAATGAGTTCAACCTGGTTTGTGATCGGAAGCACCTGAAGGACACCACA
 CAGTCAGTGTTCATGGCTGGGCTCCTTGTGGCACCCTCATGTTTGGGCCCTCTGCGACCGGATTGGCC
 GCAAGGCCACAATCCTGGCGCAGCTGCTCCTTCCACCCTCATCGGCTGGCCACAGCTTTTGTGCCAG
 CTTTGAGCTCTACATGGCCCTGCGCTTTGCTGTGGCTACTGCCGTCGCTGGACTTAGCTTCAGCAATGTC
 ACCCTACTGACAGAATGGGTGGGCCCTCATGGAGGACGAGGCCGTGGTCTGGCCAGTGCAACTTCT
 CCCTCGGGCAGATGGTGCTTGCGGGACTCGCCTACGGTTTCCGCAACTGGAGGCTCCTTCAGATACCCGG
 CACTGCGCCTGGCTTACTGCTCTTCTTACTTCTGGGCTCTGCCAGAATCTGCACGTTGGCTCCTGACC
 CGTGGGAGGATGGACGAGGCGATACAATGATCCAGAAGGCGGCTCGGTCAATAGGCGGAACTCTCCC
 CGGAGCTCATGAACAGCTGGTCCCAGAGAAGACAGGCCCTCAGGGAATGCCCTGGATCTGTTCCAGACA
 CCCCCAGCTCCGAAGGTGACCTGATTATCTTCTGTGTCTGGTTTGTGGACAGTCTGGGGTACTACGGC
 CTGAGCCTCCAAGTGGGGGACTTCGGCCTGGACGTCTATCTGACGACGCTCATCTTTGGAGCTGTTGAGG
 TGCTGCCCGCTGTTCCAGCATCTTCATGATGACAGGTTTGGCCGAAGTGGAGCCAGTTGGGGACCTT
 GGCTCTGGGTGGCCTGATGTGTATCATCATCTTTCATCCAGCAGATCTGCCGTGGTGGTCACCATG
 CTGGCTGTGGTGGGAAGATGGCCACAGCTGCTGCCTTACCATCTCCTATGTGTACTCTGCCGAGCTTT
 TCCCCACCATCTCCGGCAGACAGGATGGGGCTGGTGGGCATCTTCTCACGGATCGGGGACATCCTCAC
 ACCACTTGTGATCCTGCTGGGAGAGTACCACGCTGCCCTCCCCATGCTCATCTACGGCAGCCTCCCCATC
 GTGGCCGGCCTGCTGTGACCCCTGCTGCCAGAGACGATGGCCAGGGCCTGAAAGACACCCTCCAGGACC
 TGGAGCTGGGGCCTACCCACGGTCCCCAAATCAGTGCCTCAGAGAAGGAAACAGAGGCCAAGGGAAG
 AACTTCCAGCCCGGAGTGGCCTTTGTGAGCAGCACATACTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MAQFVQVLAIEIGDFGRFQIQLLILLCVLNFLSPFYFFAHVFMVLDEPHHCAVAWVKNHTFNL SAAEQLVL
 SVPLDTAGHPEPCLMFRPPANASLQDILSHRFNETQPCDMGWEYPENRLPSLKNEFNLVCDRKHLKDTT
 QSVFMAGLLVGTLMFGLCDRIGRKATILAQLLLFTLIGLATAFVPSFELYMALRFVAVATAVAGLSFSNV
 TLLTEWVGPSWRTQAVVLAQCNSLGLQMVLAGLAYGFRNWRLQITGTAPGLLLFFYFWALPESARWLLT
 RGRMDEAIQLIQKAASVNRRLKSPELMNQLVPEKTGPSGNALDLFRHPQLRKVTLLIFCVWFVDSLGYG
 LSLQVGFGLDVYLTQLIFGAVEVPARCSSIFMMQRFGRKWSQLGTLVLGGLMCIIIFIPADLPVVVTM
 LAVVGKMAAAFTISYVYSAELFPTILRQTGMGLVGIFSRIGGILTPLVILLGEYHAALPMLIYGLPI
 VAGLLCTLLPETHGQGLKDTLQDLELGPSPKSPVSEKETEAKGRTSSPGVAFVSSTYF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_004256

ORF Size:	1653 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_004256.1</u>
RefSeq Size:	2527 bp
RefSeq ORF:	1656 bp
Locus ID:	9390
UniProt ID:	<u>Q9Y226</u>
Cytogenetics:	3p22.2
MW:	60.7 kDa