

Product datasheet for **RC223019A1V**

Human SLC22A14 (NM_004803) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC22A14 (NM_004803) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC22A14
Synonyms:	OCTL2; OCTL4; ORCTL4
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC223019 representing NM_004803
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCCGGCGC
 GCCC

ATGGCAGGAGAGGAGAACTTCAAGGAAGAGCTCAGATCCAGGATGCTTCCAGGAACCTGAACCAGCATG
 AGGTAGCAGGACATCCACATTCTGGTCTCTGGAGATGCTGTTACGCAGATTGAGGGCTGTCCACACCAA
 GCAGGATGACAAGTTTGCCAACCTCCTGGATGCGGTGGGGAGTTGGCACATTCAGCAGAGGGTAGTA
 GCCCTCACCTTTATCCCCAGCATCATGTCGGCCTTCTTCATGTTTGCTGACCACTTCGTGTTACAGCCC
 AGAAGCCCTATTGCAATACCAGCTGGATCCTGGCAGTGGGCCCCACCTGTCAAAGCTGAGCAGCTGAA
 TCTGACCATACCCCAAGCACCAATGGCAGTTTCTGACATGCTTCATGTACCTTCTGTGCTTGGAA
 CTGGATTCTACCATCCAGTTTGGCCTCAATGACACAGACACATGCCAAGATGGGTGGATCTATCCTGACG
 CTAAGAAGCGATCGTGATCAATGAGTTTGACTTGGTATGTGGCATGGAGACGAAGAAGGACACTGCACA
 GATCATGTTTCATGGCAGGGCTCCCGATAGGCTCTCTCATCTTCAGGCTCATAACTGACAAGATGGGCCG
 TACCCTGCCATCCTGCTGTCAGTCTGGGGCTGATCATCTTCGGCTTTGGGACAGCCTTCATGAACAGCT
 TTCACCTGTATTTGTTCTTTGCTTTGGCATCTCGCAGTCAGTGGTGGGTACGCCATCAGCAGCATTTT
 TTTGGCCACTGAGTGGTGTAGTGGGTGAGCACCGGGCCACGCCATTATCCTGGGACACTGCTTTTTGCT
 GTGTGGGCCATGTTGCTGACAGGGATCGCTACGGTCTTCCCCACTGGCAGCTGCTGTTTCTGGTGGGTG
 GGATACTTGATCCCCCTTCTCTCTATATCTGGATTCTCCCGAGTCCCCGCGGTGGCTGATGATGAA
 AGGGAAGGTGAAGGAGGCCAAGCAGGTGCTGTGCTACGCCGAAGTGTGAACAAGAAGACCATTCTTCA
 AATCTGCTGGACGAGCTGCAGCTGCCAGAAAGAAGGTGACTCGGGCTCTGTCTGGACTTCTGTAAGA
 ATAGGCAGCTCTGCAAGGTGACCTTGGTGATGAGCTGTGTGGTTTACCGTCAGTTACACCTATTTTAC
 GTTGAGCCTGAGAATGAGAGAGCTGGGCGTGAGCGTCCACTTCAGACACGTGGTCCCCAGCATCATGGAG
 GTGCCTGCCCGCTGTGCTGCATCTTTCTCTCCAGCAGATTGGGAGGAAGTGGAGCCTGGCTGTGACTC
 TCCTCCAAGCCATCATCTGGTGTGCTTCTCTTTCTCTCCCTGAAGGGGAGGATGGCCTCAGACTCAA
 GTGGCCACGTTGTCCGGCCACAGAGCTGAAATCCATGACGATCTTGGTGTCTATGCTCAGAGAGTTTACG
 CTGGCCGCCACTGTCACTGTGTTCTTCTCTACACCGTGAGCTCCTCCCCACTGTGCTCAGGGCGACAG
 GTCTGGGGCTGGTGTCTCTGGCCTCGGTGGCTGGAGCCATCTTGCCCTGACAATCATCAGCCAGACCCC
 CTCCCTCTGCCATCTTCTCTGCTGCGTCTAGCCATCGTGGCCTTTTCCCTCTCTCCCTGCTGCCG
 GAAACGCGAGATCAGCCCTCTCCGAGAGCCTGAACCACTCCTACAGATAAGGAATAAGGTCAAGGACA
 TGAAGACTAAGGAAACATCATCTGATGATGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC223019 representing NM_004803
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MAGEENFKEELRSQDASRLNQHEVAGHPHSWSLEMLLRRLRAVHTKQDDKFANLLDAVGEFGTFQQLV
 ALTFIPSIMSAFFMFADHFVFTAQKPYCNTSWILAVGPHLSKAEQLNLTPQAPNGSFLTCFMYLPVPWN
 LDSTIQFLNDTDCQDGIYPDAKKRSLINEFDLVCGMETKKDTAQIMFMAGLPIGSLIFRLITDKMGR
 YPAILLSLGLIIFGFGTAFMNSFHLYLFFRFGISQSVVGYAISSISLATEWLVEHRAHAILGHCFFA
 VWAMLLTGIAYLPHWQLLFLVGGILVIPFISYIWLPEPRWLMKGVKEAKQVLCYASVNNKTIPS
 NLLDELQLPRKKVTRASVLDCKNRQLCKVTLVMSCVWFTVSYTYFTLSLRMRELGVSVHFRHVPSIME
 VPARLCCIFLLQQIGRKWSLAVTLLQAIWCLLLLFLPEGEDGLRLKWPRCPATELKSMTILVLMREFS
 LAATVTVFLLYTAELLPTVLRATGLGLVSLASVAGAILSLTIISQTPSLLPIFLCCVLAIVAFSLSSLLP
 ETRDQPLSESLNHSSQIRNKVKMDMKTKETSSDDV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:	AAV-2
ACCN:	NM_004803
ORF Size:	1782 bp
Buffer:	PBS with 0.001% Pluronic F8597
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_004803.2, NP_004794.1</u>
RefSeq Size:	2201 bp
RefSeq ORF:	1785 bp
Locus ID:	9389
UniProt ID:	<u>Q9Y267</u>
Cytogenetics:	3p22.2
MW:	66.5 kDa