

Product datasheet for **RC202286A1V**

Human SLC41A3 (NM_001008485) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC41A3 (NM_001008485) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC41A3
Synonyms:	SLC41A1-L2
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC202286 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGATGGGACAGAGACCCGGCAGCGGAGGCTGGACAGCTGTGGCAAGCCAGGGGAGCTGGGGCTTCCTC
 ACCCCCTCAGCACAGGAGGACTCCCTGTAGCCTCAGAAGATGGAGCTCTCAGGGCCCTGAGAGCCAAAG
 CGTGACCCCCAAGCCACTGGAGACTGAGCCTAGCAGGGAGACCGCTGGTCCATAGGCCCTTCAGGTGACC
 GTGCCCTTCATGTTTGCAGGCCTGGGACTGTCTGGGCCGGCATGCTTCTGGACTATTTCCAGCACTGGC
 CTGTGTTTGTGGAGGTGAAAGACCTTTTGACATTGGTGCCGCCCTGGTGGGCCTGAAGGGGAACCTGGA
 GATGACACTGGCATCCAGACTCTCCACAGCTGCCAAGCTGGACAAATTGATGACCCCAAGGAGCAGCAC
 AGAGTCATCAGCAGCAACCTGGCCCTCATCCAGGTGCAGGCCACTGTCGTGGGGCTCTTGCTGTGTGG
 CTGCGCTGCTGTTGGCGTGGTGTCTCGAGAGGAAGTGGATGTCGCCAAGGTGGAGTTGCTGTGTGCCAG
 CAGTGTCTCACTGCCTTCCTTGACGCCTTTGCCCTGGGGGTGCTGATGGTCTGTATAGTGATTGGTGTCT
 CGAAAGCTCGGGGTCAACCCAGACAACATTGCCACGCCATTGCAGCCAGCCTGGGAGACCTCATCACAC
 TGTCCATTCTGGCTTTGGTTAGCAGCTTCTTCTACAGACACAAAGATAGTCGGTATCTGACGCCCGCTGGT
 CTGCCTCAGCTTTGCGGCTCTGACCCCACTGTGGGTCTCATTGCCAAGCAGAGCCACCCATCGTGAAG
 ATCCTGAAGTTTGGCTGGTTCCCAATCATCCTGGCCATGGTGCATCAGCAGTTTCGGAGGACTCATCTTGA
 GCAAAACCGTTTCTAAACAGCAGTACAAAGGCATGGCGATATTTACCCCGTCATATGTGGTGTGGTGG
 CAATCTGGTGGCCATTGACAGCAGCCGAATCTCAACCTACCTGCACATGTGGAGTGCACCTGGCGTCTGT
 CCCCTCCAGATGAAGAAATTCTGGCCCAACCGGTGTTCTACTTTCTGCACGTGAGAAATCAATTCATGT
 CAGCTCGAGTCTGCTCTTGTGGTGGTCCCAGGCCATCTGATTTTCTTCTACATCATCTACCTGGTGA
 GGGTCAGTCAGTCATAAACAGCCAGACCTTTGTGGTGTCTACCTGCTGGCAGGCCTGATCCAGGTGACA
 ATCCTGTGTACTGGCAGAAGTGATGGTTCGGCTGACTTGGCACCAGGCCCTGGATCCTGACAACCACT
 GCATCCCTACCTTACAGGGCTGGGGGACCTGCTCGGTTCAAGCTCCGTGGGCCACACTGCTGCTGTGCC
 AAGAAGGTGTACAGCCTCCCAGGATGGGGCTCATACAACCTTCATCTGCACTCAACATTTAATCGTG
 TCCTTGCTGTCTTTTATTTCTTTTGTGTTAGCAAAAACCTCTATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202286 protein sequence
 Red=Cloning site Green=Tags(s)

MDGTETQRRLDSCGKPGELGLPHPLSTGGLPVASEDGALRAPESQSVTPKPLETEPSRETAWSIGLQVT
 VPFMFAGLGLSWAGMLLDYFQHWPFVVEVKDLLTVPLVLKGNLEMTLASRLSTAANTGQIDDPQEQH
 RVISSNLALIQVQATVVGLLAAVAALLGVVSREEVDVAKVELLCASSVLTAFLAALFALGVLVCIVIGA
 RKLGVNPDNIATPIAASLGLITLSILALVSSFFYRHKDSRYLTPLVCLSFALTPVWVLIQKSPPIVK
 ILKFGWFPIILAMVISSFGGLILSKTVSKQYKGMAIFTPVICGVGNLVAIQTSRISTYLHMWSAPGVL
 PLQMKKFWPNPCSTFCTSEINMSARVLLLLVVPGLIFFYIIYLVGQSVINSQTFVVLVYLLAGLIQVT
 ILLYLAEMVRLTWHQALDPDNHCIPYLTGLDLLGSSSVGHTAAVPRRCTASPGWLIQPFICTQHLIV
 SLLSFYFPFCLLAKTSI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001008485

ORF Size:

1521 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_001008485.1</u> , <u>NP_001008485.1</u>
RefSeq Size:	1805 bp
RefSeq ORF:	1524 bp
Locus ID:	54946
UniProt ID:	<u>Q96GZ6</u>
Cytogenetics:	3q21.2-q21.3
MW:	54.7 kDa