

Product datasheet for **RC206559A1V**

Human SLC26A3 (NM_000111) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC26A3 (NM_000111) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC26A3
Synonyms:	CLD; DRA
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC206559 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGC**

ATGATTGAACCTTTGGGAATCAGTATATTGTGGCCAGGCCAGTGTATTCTACAAATGCTTTTGAAGAAA
ATCATAAAAAGACAGGAAGACATCATAAGACATTTCTGGATCATCTCAAAGTGTGTTGTAGCTGTTCCCC
ACAAAAGGCCAAGAGAATTGCTCTCTTTGTTCCCATAGCATCTTGTTGCCAGCATACCGGCTTAA
GAATGGTTGCTCAGTGATATTGTTTCTGGTATCAGCACAGGGATTGTGGCCGTAACAAGTTTAGCAT
TTGCTCTGCTGGTCGACATTCCTCCAGTCTATGGGTTGTATGCATCCTTTTCCAGCCATAATCTACCT
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GTTTCAGGAGCAGTTTCAAAGCAGTCCAGATCGCAATGCAACTACTTTGGGATTGCCTAACAACCTCGA
ATAATTCTTCACTACTGGATGACGAGAGGGTGAGGGTGGCGGCGGCATCAGTCACAGTGCTTTCTGG
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AGTGGCTTCACTACTGCTGCTGCTGTTGTTGTTTGGTTTCCCAACTCAAATTCATTTTTAGTTGACAG
TCCCGTCACACTGATCCAGTTTCAATTTTCAAAGTACTATACTCTGTATTCTCACAATAGAGAAGAC
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TGGAATGATGATCTTCTCTCAACATTGAGGTCCCAAAATCAGCCTCCACAGCCTATTCTCGACTTTT
CAGCAGTGTCTTTCTTGATGTTTCTTCAAGTGGGCGCTTAAATCGATTTTGCAAGAATTTATCAGGAT
CAAGGTAGATGTATATCGTTGGAAGTATGATGACTTCATTGAGAAGCTTAACCGGTATGAATTTTTT
GATGGTGAAGTGAAGGCTCAATATTTTCTTAAACATCCATGATGCTGTTTTGCATATTTTATGAAGA
AAGATTACAGTACTTCAAAGTTTAAATCCAGTCAGGAAAAAGATGGAAAAATTGATTTTACCATAAATAC
AAATGGAGGATTACGTAATCGGTATATGAGGTGCCAGTTGAAACAAAATTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC206559 protein sequence Red=Cloning site Green=Tags(s) MIEPFGNQYIVARPVYSTNAFEENHKKTGRHHKTFDHLKVVCCSCSPQKAKRIVLSLFPIASWLPAYRLK EWLLSDIVSGISTGIVAVLQGLAFALLVDIPPVYGLYASFFPAIYLFPGTSRHISVGPFPILSMMVGLA VSGAVSKAVPDRNATTLGLPNNSNNSSLLDDERVRVAAAASVTVLSGIIQLAFGILRIGFVVIYLSSELI SGFTTAAAVHVLVSQKLFIFQLTVPSTDPVSIFKVLYSVFSQIEKTNIALDLTALIVLLVVSIVKEINQ RFKDKLPVPIPIEFIMTVIAAGVSYGCDKFNRFKAVVVGDMNPGFQPPITPDVETFQNTVGDCFGIAMVA FAVAFSVASVYSLKYDPLDGNQELIALGLGNIVCGVFRGFAGSTALSRSAVQESTGGKTQIAGLIGAI VLIVVLAIGFLLAPLQKSVLAALALGNLKGMLMQFAEIGRLWRKDKYDCLIWIMTFIFTIVLGLGLAA SVAFQLLTIVFRTQFPKCSTLANIGRTNIYKNKKDYYDMEPEGVKIFRCPSPIYFANIGFFRRKLIDAV GFSPLRILRKNKALRKIRKLQKQGLLQVTPKGFICTVDTIKDSDELDNNQIEVLDQPIINTDLPFHID WNDDLPLNIEVPKISLHSLILDFSAVSFLDVSSVRGLKSILQEFIRIKVDVYIVGTDDDFIEKLNRYEFF DGEVKSSIFFLTIHDAVLHILMKDYSTSKFNPSQEKDGKIDFTINTNGGLRNRVYEVVETKF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000111
ORF Size:	2292 bp
Buffer:	PBS with 0.001% Pluronic F5908
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_000111.1, NP_000102.1</u>
RefSeq Size:	2894 bp
RefSeq ORF:	2295 bp
Locus ID:	1811
UniProt ID:	<u>P40879</u>
Cytogenetics:	7q22.3-q31.1
MW:	84.5 kDa