

Product datasheet for **RC214193A1V**

Human SLC26A6 (NM_134263) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC26A6 (NM_134263) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC26A6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC214193 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGGCTGGCGGATGCGTCGGGACCGAGGGACACACAGGCACTGCTGTCTGCAACACAAGCAATGGACC
TGCGGAGGCGAGACTACCACATGGAACGGCCGCTGCTGAACCAGGAGCATTTGGAGGAGCTGGGGCGCTG
GGGCTCAGCACCTAGGACCCACCACTGGCGGACCTGGTTGCAGTGCTCCCGTGCTCGGGCCTATGCCCTT
CTGCTCCAACACCTCCCGTTTTGGTCTGGTTACCCCGGTATCCTGTGCGTGACTGGCTCCTGGGTGACC
TGTTATCCGGCCTGAGTGTGGCCATCATGCAGCTTCCGCAGGGCTTGGCCTACGCCCTCCTGGCTGGATT
GCCCCCGTGTTGGCCTCTATAGCTCCTTCTACCCTGTCTTCATCTACTTCTGTTGGCACTTCCCGG
CACATCTCCGTGGGACCTTTGCTGTCTGTCTGTGATGGTGGGCACTGTGACAGAATCCCTGGCCCCGC
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AGCAGCTGAAGCTGAAGCAACTGCAGAAAGAGGAGAAGCTTCGAAACAGGCTGCCTCCCCCAAGGGCGC
CTCAGTTTCCATTAAATGTCAACACCAGCCTGAAGACATGAGGAGCAACAACGTTGAGGACTGCAAGATG
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CTCCTTTGTGGACACTGTGTGCCTCAAGAGCCTGAAGAATATTTCCATGACTTCCGGGAGATTGAGGTG
GAGGTGTACATGGCGGCTGCCACAGCCCTGTGGTCAGCCAGCTTGAGGCTGGGCACTTCTTCGATGCAT
CCATCACCAAGAAGCATCTCTTTGCCTCTGTCCATGATGCTGTACCTTTGCCCTCCAACACCCGAGGCC
TGTCCTCGACAGCCCTGTTTCGGTCACCAGACTC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC214193 protein sequence Red=Cloning site Green=Tags(s) MGLADASGPRDTQALLSATQAMDRLRRDYHMERPLLNQEHLEELGRWGSAPRTHQWRTLQCSRARAYAL LLQHLVPLVWLPYPVRDWLLGDLLSGLSVAIMQLPQGLAYALLAGLPPVFGLYSSFYYPVFIYFLFGTSR HISVGTFAVMSVMVGSVTESLAPQALNDSMINETARDAARVQVASTLSVLVGLFQVGLGLIHFGFVVTYL SEPLVRGYTTAAAVQVFVSQKLYVFGHLHSSHSGPLSLIYTVLEVCKWLPQSKVGTVVTAAGVAVLVVV KLLNDKLQQQLPMPPIPGELLTLIGATGISYGMGLKHRFEVDVVGNIAGLVPPVAPNTQLFSKLVGSAFT IAVVGFAIAISLGKIFALRHGYRVDSNQELVALGLSNLIGGIFQCFPVSCSMSRSLVQESTGGNSQVAGA ISSLFILLIIVKLGELFHDLPKAVLAAIIIVNLKGMLRQLSDMRSLWKANRADLLIWLVTFTATILLNLD LGLVVAIVIFSLLLVVVRTQMPHYSVLGQVPDIDIYRDVAEYSEAKEVRGVKVFRRSSATVYFANAEFYSDA LKQRCGVDVDFLISQKKKLLKKQEQLKQLQKEEKLKQAASPKGASVSINVTSLDMRSNNVEDCKM MVSSGDKMEDATANGQEDSKAPDGSTLKALGLPQPDFHSLILDGALSFVDTVCLKSLKNIFHDFREIEV EYMAACHSPVVSQLEAGHFFDASITKKHLFASVHDAVTFALQHPRPVPDSPVSVTRL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_134263
ORF Size:	2274 bp
Buffer:	PBS with 0.001% Pluronic F7164
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_134263.2</u>
RefSeq Size:	2659 bp
RefSeq ORF:	2277 bp
Locus ID:	65010
UniProt ID:	<u>Q9BXS9</u>
Cytogenetics:	3p21.31
MW:	82.8 kDa