

Product datasheet for **RC218736A1V**

Human **SLC34A2 (NM_006424)** AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC34A2 (NM_006424) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC34A2
Synonyms:	NAPI-3B; NAPI-IIb; NPTIIb; PULAM
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC218736 representing NM_006424.

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

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCTCCCTGGCTGAATTGGGAGATGCCAGCCCAACCCCGATAAGTACCTCGAAGGGGCCGAGGT
CAGCAGCCCACTGCCCTGATAAAAGCAAAGAGACCAACAAAACAGATAACACTGAGGCACCTGTAACC
AAGATTGAACTTCTGCCGTCTACTCCACGGCTACACTGATAGATGAGCCCACTGAGGTGGATGACCCC
TGAACCTACCCACTCTTCAGGACTCGGGGATCAAGTGGTCAGAGAGAGACACCAAGGGGAAGATTCTC
TGTTTCTTCAAGGGATTGGGAGATTGATTTTACTTCTCGGATTCTCTACTTTTTCTGTGTCTCCCTG
GATATTCTTAGTAGCGCTTCCAGCTGGTTGGAGGAAAAATGGCAGGACAGTTCTTCAGCAACAGCTCT
ATTATGTCCAACCTTTGTTGGGCTGGTGATCGGGGTGCTGGTGACCGTCTTGGTGAGAGCTCCAGC
ACCTCAACGTCCATCGTTGTCAGCATGGTGCTCTTCTTCTGCTACTGTTGGGCTGCCATCCCCATT
ATCATGGGGGCCAACATTGGAACGTCAATCACCAACACTATTGTTGCGCTCATGCAGGTGGGAGATCGG
AGTGAGTTCAGAAGAGCTTTTGCAGGAGCCACTGTCCATGACTTCTTCAACTGGCTGTCCGTGTTGGTG
CTCTTGCCCGTGGAGGTGGCCACCCATTACCTCGAGATCATAACCCAGCTTATAGTGGAGAGCTTCCAC
TTCAAGAATGGAGAAGATGCCCCAGATCTTCTGAAAGTCATCACTAAGCCCTTCAAAAGCTCATTGTC
CAGCTGGATAAAAAAGTTATCAGCCAAATTGCAATGAACGATGAAAAAGCGAAAAACAAGAGTCTTGTC
AAGATTGGTGCAAACTTTTACCAACAAGACCCAGATTAACGTCACTGTTCCCTCGACTGCTAACTGC
ACCTCCCTTCCCTCTGTTGGACGGATGGCATCCAAAAGTGGACCATGAAGAATGTGACCTACAAGGAG
AACATCGCAAAATGCCAGCATATCTTTGTAATTTCCACCTCCCGGATCTTGCTGTGGGCACCATCTTG
CTCATACTCTCCCTGCTGGTCTCTGTGGTTGCCTGATCATGATTGTCAAGATCCTGGGCTCTGTGCTC
AAGGGGCAGGTGCCACTGTCAAGAAGACCATCAACACTGATTTCCCTTTCCCTTTGATGGTTG
ACTGGCTACCTGGCCATCCTCGTCGGGGCAGGCATGACCTTCATCGTACAGAGCAGCTCTGTGTTACG
TCGGCCTTGACCCCCCTGATTGGAATCGGCGTGATAACCATTGAGAGGGCTTATCCACTACGCTGGGC
TCCAACATCGGCACCACCACCACCGCCATCCTGGCCGCTTAGCCAGCCCTGGCAATGCATTGAGGAGT
TCACTCCAGATCGCCCTGTGCCACTTTTCTTCAACATCTCCGGCATCTTGCTGTGGTACCCGATCCCG
TTCCTCGCCTGCCATCCGCATGGCCAAGGGGCTGGGCAACATCTTGCCAAGTATCGTGGTTCGCC
GTCTTCTACCTGATCATCTTCTTCTCTGATCCCGCTGACGGTGTGTTGGCTCTCGCTGGCCGGCTGG
CGGGTGTGTTGGTGTGGGGTCCCGTCTTCTCATCATCATCCTGGTACTGTGCTCCGACTCCTG
CAGTCTCGCTGCCACGCTCCTGCCAAGAACTCCAGAACTGGAATTCCTGCCGCTGTGGATGCGC
TCGCTGAAGCCCTGGGATGCCGTGCTCCAAGTTCACCGGCTGCTTCCAGATGCGCTGCTGCTGCTG
TGCCGCGTGTGCTGCCGCGCTGCTGCTTGTGTGGTGGCCCAAGTGTGCCGCTGCAGCAAGTGC
TGCGAGGACTTGAGGAGGCGCAGGAGGGGAGGATGTCCCTGTCAAGGCTCCTGAGACCTTTGATAAC
ATAACCATTAGCAGAGAGGCTCAGGGTGAAGTCCCTGCCCTCGGACTCAAAGACCGAATGCACGGCCTTG
AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGAT
ATCCTGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>Peptide sequence encoded by RC218736 Blue=ORF Red=Cloning site Green=Tag(s) MAPWPELGDAQPNPDKYLEGAAGQQPTAPDKSKETNKTDNTEAPVTKIELLPSYSTATLIDEPTEVDDP WNLPTLQDSGIKWSEKTKGKILCFFQGIGRLILLGFLYFFVCSLDILSSAFQLVGGKMAGQFFSNSS IMSNPLGLVIGVLVTVLVQSSSTSTIVVSMVSSLLTVRAAIPIMGANIGTSITNTIVALMQVGDR SEFRRAFAGATVHDFFNWLSVLVLLPVEVATHYLEIITQLIVESFHFKNGEDAPDLLKVITKPFVKLIV QLDKKVISQIAMNDEKAKNKSIVKIWCKTFTNKQINVTVPSTANCTSPSLCWTDGIQNWTKMKNVTYKE NIAKQCQHIFVNFHLPDLAVGTILLILSLLVLCGCLIMIVKILGSLVKGQVATVIKKTINTDFPFPFAWL TGYLAILVGAGMTFIVQSSSVFTSALTPLIGIGVITIERAYPLTLGNSIGTTTTAILAALASPGNALRS SLQIALCHFFFNISGILLWYPIPFTRLPPIRMAGLGNISAKYRWFVAVFYLIIFFFLIPLTVFGLSLAGW RVLVGVGVPVVFIIILVLCRLQLSRCPRVLPKKLQNWNLPLWMSLKPWDVAVSKFTGCGFQMRCCCC CRVCCRACLLCGCPKCCRCCKCEDLEEAQEGQDVPVKAPETFDNITISREAQGEVPASDSKTECTAL SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV Recombinant protein using RC218736 also available, TP318736
Species:	Human
Serotype:	AAV-2
ACCN:	NM_006424
ORF Size:	2070 bp
Buffer:	PBS with 0.001% Pluronic F7896
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:	NM_006424.1 , NP_006415.2
RefSeq Size:	2280 bp
RefSeq ORF:	2073 bp
Locus ID:	10568
UniProt ID:	O95436
Cytogenetics:	4p15.2
MW:	75.7 kDa