

Product datasheet for **RC222532A1V**

Human SLC26A4 (NM_000441) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC26A4 (NM_000441) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC26A4
Synonyms:	DFNB4; EVA; PDS; TDH2B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC222532 representing NM_000441
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCAGCGCCAGGCGGCAGGTCGGAGCCGCCGAGCTCCCCGAGTACAGCTGCAGCTACATGGTGTGCG
 GGCCGGTCTACAGCGAGCTCGCTTTCCAGCAACAGCACGAGCGCGCCTGCAGGAGCGCAAGACGCTGCG
 GGAGAGCCTGGCCAAGTGTGCAAGTGTTCAGAAAGAGAGCCTTTGGTGTGCTAAAGACTCTTGTGCC
 ATCTTGGAGTGCTCCCAAATACCGAGTCAAGGAATGGCTGCTTAGTGACGTCAATTCGGGAGTTAGTA
 CTGGGCTAGTGGCCACGCTGCAAGGGATGGCATATGCCCTACTAGCTGCAGTTCCTGTGGATATGGTCT
 CTACTGTCTTTTTCCCTATCCTGACATACTTTATCTTTGGAACATCAAGACATATCTCAGTTGGACCT
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 GCTGCATCATTTTCCATCGCTGTGGTGGCTTATGCTATTGCAGTGTGAGTGGAAAGTATATGCCACCA
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 CTTCTCTGTTTTGTGGCCACCCTGCTCTTTCCCGCACGGCCGTCCAGGAGAGCACTGGAGGAAAGACA
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 CATTCTCGTCTGTGGAGACAGAATAAGATTGATGCTGTTATCTGGGTGTTTACGTGTATAGTGCCATC
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 TGCTGTTTCAACAAATATGCTTTGAGCCTGATGAGGATATTGAAGATCTGGAGGAACTTGATATCCCA
 ACCAAGGAAATAGAGATTCAAGTGGATTGGAACCTGAGCTTCCAGTCAAAGTGAACGTTCCCAAAGTGC
 CAATCCATAGCCTTGTGCTTGACTGTGGAGCTATATCTTCTGGACGTTGTTGGAGTGAGATCACTGCG
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 TCTCATTACAGGATTGTAAGATACCCTTGAATTAATAGAAACAGAGCTGACGGAAGAAGAACTTGATGTC
 CAGGATGAGGCTATGCGTACACTTGCATCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC222532 representing NM_000441 Red=Cloning site Green=Tags(s) MAAPGGRSEPPQLPEYSCSYMVSVPVYSELAQQQHERRLQERKTLRESLAKCCSCSRKRAFGVLKTLVP ILEWLPKYRVKEWLLSDVISGVSTGLVATLQGMAYALLAAVPVGYGLYSAFFPILTYFIFGTSRHISVGP FPPVSLMVGSVVLSMAPDEHFLVSSNGTVLNTTMDTAARDTARVLIASALTLLVGIIQLIFGGLQIGF IVRYLADPLVGGFTTAAAFQVLVSQKIVLNVSTKNYNGVLSIIYTLVEIFQNIQDNLADFTAGLLTIV VCMAYKELNDRFRHKIPVPIPIEVIVTIIATAISYGANLEKNYNAGIVKSIPRGFLPPELPPVSLFSEML AASFSAIVVAYAIASVSGKVYATKYDYTIDGNQEFIAFGISNIFSGFFSCFVATTALSRVAVQESTGGKT QVAGIISAAIVMIAIALGKLEPLQKSVLAADVIANLKGFMQLCDIPRLWRQNKIDAVIWWFTCIVSI ILGLDLGLLAGLIFGLLTVVLRVQFSPWNLGSIPTDIYKSTKNYKNIIEEPQGVKILRFSSPIFYGNVD GFKKCIKSTVGFDAIRVYNKRLKALRKIQKLIKSGQLRATKNGIISDAVSTNNAFEPDEDIEDLEELDIP TKEIEIQVDWNSLPVKVNVKVPPIHSLVLDGSAISFLDVVGVRSLRVIVKEFQRIDVNVYFASLQDYVI EKLEQCGFFDDNIRKDTFFLTVHDAILYLQNQVKSQEGQGSILETITLIQDCKDTLELIETELTEELD VQDEAMRTLAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_000441
ORF Size:	2340 bp
Buffer:	PBS with 0.001% Pluronic F8521
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_000441.1
RefSeq Size:	4930 bp
RefSeq ORF:	2343 bp
Locus ID:	5172
UniProt ID:	O43511
Cytogenetics:	7q22.3
MW:	85.5 kDa