

Product datasheet for **RC206966A1V**

Human SLC25A16 (NM_152707) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC25A16 (NM_152707) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC25A16
Synonyms:	D10S105E; GDA; GDC; HGT.1; hML7; ML7
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC206966 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGCGGCGGCGACGGCCGCGGCAGCCCTGGCGGCGGCCGATCCCCCTCCCGCAATGCCGAGGCGGCAG
GGGCGGAGGGCCCAACCCGAGAGACTTCTACTGGCTGCGCTCCTTTCTGGCCGGAGGTATTGCTGG
ATGCTGTGCCAAAACAACAGTTGCTCCATTGGATCGAGTAAAGGTTTTATTACAAGCTCACAAATCACCAT
TACAAGCATTTAGGAGTATTTCTGCATTGCGTGCTGTTCCCTCAAAAAGAAGGATTCCTTGGATTGTATA
AAGGAAATGGTGCAATGATGATTGCAATCTTCCCTATGGTGCAATCCAGTTTATGGCATTGAGCATTA
TAAACGTTAATTACTACGAAGCTGGGAATTTCAAGTCATGTGCACAGATTAATGGCTGGATCCATGGCA
GGTATGACAGCAGTTATCTGTACTTACCCTCTTGACATGGTTAGGGTCCGCCTAGCATTCCAGGTGAAAG
GGGAACACAGCTATACAGGAATTATTCATGCTTTCAAAACAATTTATGCAAAGGAAGGTGGTTTCTTTGG
ATTTTACAGAGGTCTGATGCCTACTATTTAGGAATGGCTCCATATGCAGGTGTTTCATTTTTTACTTTT
GGTACCTTGAAGAGTGTGGGCTTTCCCATGCTCCTACCCTTCTTGGCAGACCTTCATCAGACAATCCTA
ATGTCTTAGTTTTGAAACTCATGTAACTTACTTTGGTGGTGTGCTGGAGCAATAGCGCAGACAAT
ATCCTACCATTTGATGTGACTCGTCGCGCAATGCAATTAGGAAGTGTCTGCCGGAATTTGAAAAGTGC
CTTACCATGCGGATACTATGAAGTATGTCTATGGACACCATGGAATTCGAAAAGGACTCTATCGTGGTT
TATCTCTTAATTACATTCGCTGTATTCCCTCTCAAGCAGTGGCTTTTACAACATACGAACCTATGAAGCA
GTTTTTTCACCTCAAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC206966 protein sequence Red=Cloning site Green=Tags(s) MAAATAAAALAAADPPPAMPQAAGAGGPTTRDFYWLRSFLAGGIAGCCAATTVAPLDRVKVLLQAHNHH YKHLGVFSALRAVPQKEGFLGLYKNGAMMIRIFPYGAIQFMAFEHYKTLITTKLGISGHVHRLMAGSMA GMTAVICTYPLDMVRRLAFQVKGEHSYTGIIHAFKTIYAKEGGFFGFYRGLMPTILGMAPYAGVSFFT GTLKSVGLSHAPTLLGRPSSDNPVNLVKTHVNLLCGGVAGAIQTISYPFDVTRRRMQLGTVLPEFEKC LTMRDTMKYVYGHGIRKGLYRGLSLNYIRCIPSQAVAFTTYELMKQFFHLN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_152707
ORF Size:	996 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_152707.2</u>
RefSeq Size:	2264 bp
RefSeq ORF:	999 bp
Locus ID:	8034
UniProt ID:	<u>P16260</u>
Cytogenetics:	10q21.3
MW:	36.2 kDa