

Product datasheet for **RC211155A1V**

Human SLC13A5 (NM_177550) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC13A5 (NM_177550) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC13A5
Synonyms:	DEE25; EIEE25; INDY; mIndy; NACT
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC211155 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**C

ATGGCCCTCGGCGCTGAGCTATGTCTCCAAGTTCAGTCTTCTGTGATCTTGTTCGTCAACCCCGCTCTCG
TGCTGCCACTCGTCATTCTGATGCCCCCAAGTTTGTCAAGTGTGCCTACGTATCATCTCATGGCCAT
TTACTGGTGACAGAAGTCATCCCTCTGGCTGTCACTCTCTCATGCCTGTCTTGCTTTTCCCACTCTTC
CAGATTCTGGACTCCAGGCAGGTGTGTGCCAGTACATGAAGGACACCAACATGCTGTTCTGGGCGGCC
TCATCGTGGCCGTGGCTGTGGAGCGCTGGAACCTGCACAAGAGGATCGCCCTCGCACGCTCCTCTGGG
GGGGGCCAAGCCTGCACGGCTGATGCTGGGCTTCATGGGCGTCACAGCCCTCCTGTCCATGTGGATCAGT
AACACGGCAACCACGGCCATGATGGTGCCATCTGTGGAGGCCATATTGCAGCAGATGGAAGCCACAAGCG
CAGCCACCGAGGCCGGCCTGGAGCTGGTGGACAAGGGCAAGGCCAAGGAGCTGCCAGGGAGTCAAGTGAT
TTTTGAAGGCCCACTCTGGGGCAGCAGGAAGACCAAGAGCGGAAGAGTTGTGTGAAGGCCATGACCTG
TGATCTGCTACGCGGCCAGCATCGGGGGCACCGCCACCCTGACCGGGACGGGACCCAACGTGGTGTCTC
TGGGCCAGATGAACGAGTTGTTTCTGACAGCAAGGACCTCGTGAACCTTGCTTCTGTGTTTGCAATTTGC
CTTTCCCAACATGCTGGTGATGCTGCTGTTGCCTGGCTGTGGCTCCAGTTTGTTTACATGAGATTCAT
TTAAAAAGTCTTGGGGCTGCGGGCTAGAGAGCAAGAAAAACGAGAAGGCTGCCCTCAAGGTGCTGCAGG
AGGAGTACCGGAAGCTGGGGCCCTTGCTTTCGCGGAGATCAACGTGCTGATCTGCTTCTTCTGCTGGT
CATCTGTGTTTCTCCCGAGACCCCGGCTTCATGCCCGGCTGGCTGACTGTTGCCTGGGTGGAGGGTGAG
ACAAAGTATGTCTCCGATGCCACTGTGGCCATCTTTGTGGCCACCCTGCTATTATTGTGCCTTCACAGA
AGCCCAAGTTTAACTTCCGCAGCCAGACTGAGGAAGAAAGGAAAACCTCCATTTATCCCCCTCCCCTGTG
GGATTGGAAGGTAACCCAGGAGAAAAGTGCCCTGGGGCATCGTGCTGCTACTAGGGGGCGGATTGTCTGT
GCTAAAGGATCCGAGGCCTCGGGGCTGTCCGTGTGGATGGGGAAGCAGATGGAGCCCTTGACACGAGTGC
CCCCGGCAGCCATCACCTTGATCTTGCTTGTCTGTTGCCGTGTTCACTGAGTGCACAAGCAACGCTGGC
CACCACCACTTGTTCTTGCCATCTTTGCCCTCAGTGTCTGCCTTCCGCTCAATCCGCTGTACATC
ATGCTGCCCTGTACCTGAGTGCCTCCTTTGCCTTCATGTTGCCTGTGGCGACCCCTCCAATGCCATCG
TGTTACCTATGGGCACCTCAAGTTGCTGACATGGTGAACACAGGAGTCATAATGAACATAATTGGAGT
CTTCTGTGTGTTTTGGCTGTCAACACCTGGGGACGGGCCATATTTGACTTGATCATTTCCCTGACTGG
GCTAATGTGACACATATTGAGACT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC211155 protein sequence

Red=Cloning site Green=Tags(s)

MASALSYSVKFSFVILFVTPLLLLPLVILMPAKFVRCAYVILMAIYWCTEVIPLAVTSLMPVLLFPLF
QILDSRQVCVQYMKDNTNMLFLGGLIVAVAVERNWLHKRIALRTLWVGAKPARMLGFMGVTALLSMWIS
NTATTAMVPIVEAILQMEATSAAEAGLELVDKGKAKELPGSQVIFEGPTLGQQEDQERKRLCKAMTL
CICYAASIGGTATLTGTGPNVLLGQMNELFPDSKDLVNFASWFAFAFPNMLVMLLFAWLWLQFVYMRFN
FKKSWGCGLESKKNEKAALKVLQEEYRKLGPLSFAEINVLCFFLLVILWFSRDPGFMPGWLTVAVVEGE
TKYVSDATVAIFVATLLFIVPSQPKPFNFRSQTEEEKTPFPYPPLLDWKVTQEKVPWGIVLLGGGFAL
AKGSEASGLSVMMGKQMEPLHAVPPAAITLILSLLVAVFTECTSNVATTTLFLPIFASMSRSIGLNPLYI
MLPCTLSASFAMLPVATPPNAIVFTYGLHKVADMVKTGVIMNIIGVFCVFLAVNTWGRAIFDLDFHPDW
ANVTHIET

TRTRPLEOKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_177550
ORF Size:	1704 bp
Buffer:	PBS with 0.001% Pluronic F6676
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_177550.2</u>
RefSeq Size:	3316 bp
RefSeq ORF:	1707 bp
Locus ID:	284111
UniProt ID:	<u>Q86YT5</u>
Cytogenetics:	17p13.1
MW:	63.1 kDa