

Product datasheet for **RC207954A1V**

Human SLC22A16 (NM_033125) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SLC22A16 (NM_033125) AAV Particle
Tag:	Myc-DDK
Symbol:	SLC22A16
Synonyms:	CT2; dJ261K5.1; FLIPT2; HEL-S-18; OAT6; OCT6; OKB1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207954 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGGGGTCCCGCCACTTCGAGGGGATTTATGACCACGTGGGGCACTTCGGCAGATTCCAGAGAGTCTCT
 ATTTTCATATGTGCCTTCCAGAACATCTCTGTGGTATTCACTACTTGGCTTCTGTGTTTCATGGGAGTCAC
 CCCTCATCATGTCTGCAGGCCCCAGGCAATGTGAGTCAGGTTGTTTTCCATAATCACTCTAATTGGAGT
 TTGGAGGACACCGGGGCCCTGTTGTCTTCAGGCCAGAAAGATTATGTTACGGTGCAGTTGCAGAATGGT
 AGATCTGGGAGCTCTCAAGGTGTAGCAGGAATAAGAGGGAGAACACATCGAGTTTGGGCTATGAATACAC
 TGGCAGTAAGAAAGAGTTTCTTGTGTGGATGGCTACATATATGACCAGAACACATGGAAAGCACTGCG
 GTGACCCAGTGGAACTGGTCTGTGACCGAAAATGGCTTGCAATGCTGATCCAGCCCTATTTATGTTTG
 GAGTCTACTGGGATCGGTGACTTTTGGCTACTTTTCTGACAGGCTAGGACGCCGGGTGGTCTTGTGGGC
 CACAAGCAGTAGCATGTTTTTGTGGAATAGCAGCGGCTTTCAGTTGATTATTACACCTTCATGGCT
 GCTCGCTTTTTCTTGCCATGGTTGCAAGTGGCTATCTTGTGGTGGGTTTGTCTATGTGATGGAATTCA
 TTGGCATGAAGTCTCGGACATGGGCGTCTGTCCATTTGCATTCTTTTTTGCAGTTGGAACCTGCTGGT
 GGCTTTGACAGGATACTTGGTCAGGACCTGGTGGCTTTACCAGATGATCCTCTCCACAGTGACTGTCCCC
 TTTATCTGTGCTGTTGGGTGCTCCAGAGACACCTTTTTGGCTTCTCTCAGAGGGACGATATGAAGAAG
 CAAAAAATAGTTGACATCATGGCCAAGTGGAACAGGGCAAGCTCCTGTAACTGTGAGAACTTTTATC
 ACTGGACCTACAAGGTCTGTTAGTAATAGCCCCACTGAAGTTCAGAAGCACAACCTATCATATCTGTTT
 TATAACTGGAGCATTACGAAAAGGACACTTACCGTTTGGCTAATCTGGTTCAGTGAAGTTTGGGATTCT
 ACTCGTTTTCTTGAATTCTGTTAACTTAGGAGCAATGAATACTTAACTCTCTCTCTGGGTGTAGT
 GGAAATCCCGCTACACCTTCGTGTGCATCGCCATGGACAAGGTCGGGAGGAGAACAGTCTCGGCCTAC
 TCTTTTTCTGCAGTGCAGTGGCCTGTGGTGTGCTTATGGTGTATCCCCAGAAACATTATATTTTGGGTG
 TGGTGACAGCTATGGTTGAAAAATTTGCCATCGGGGCAGCATTGGCCTCATTTATCTTTATACAGCTGA
 GCTGTATCCAACCATTTAAGATCGCTGGCTGTGGGAAGCGGCAGCATGGTGTGTCGCTGGCCAGCATC
 CTGGCGCGTCTCTGTGGACCTCAGCAGCATTGGATCTTCATACCACAGTTGTTTGTGGGACTATGG
 CCCTCTGAGTGGAGTGTAACTAAAGCTTCCAGAAACCTTGGGAAACGGCTAGCAACTACTTGGGA
 GGAGGCTGCAAACTGGAGTCAAGAAATGAAAGCAAGTCAAGCAAATTACTTCTCACAATAATAATAGT
 GGGCTGAAAAAACGGAAGCATTACCCCCAGGATTCTGGTCTTGGTGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207954 protein sequence
 Red=Cloning site Green=Tags(s)

MGSRHFEIGIYDHYVGHFGRFQRVLYFICAFQNIHSCGIHYLASVFMGVTPHHVCRPPGNVSQVVFHNHNSNWS
 LEDTGALLSSGQKDYVTVQLQNGEIWELSRCSRKNKRENTSSLGYEYTGSKKEFPVCDGYIYDQNTWKSTA
 VTQWNLVCDRKLWAML IQPLFMFGVLLGSVTFGYFSDRLGRRVVLWATSSSMFLFGIAAAFAVDYYTFMA
 ARFFLAMVASGYLVVGFVYVMEFIGMKSRTWASVHLHSFFAVGTLLVALTGYLVRTWWLYQMILSTVTVP
 FILCCWVLPETPFWLLSEGRYEEAQKIVDIMAKWNRASSCKLSELLSLDLQGPVSNPTEVQKHNL SYLF
 YNWSITKRTLTVWL IWF TGS LGFYSFSLNSVNLGGNEYLNL FLLGVVEIPAYTFVCIAMDKVGRRTVLAY
 SLFCSALACGVVMVIPQKHILGVVTAMVGKFAIGAAFGLIYLYTAELYPTIVRSLAVSGSMVCRLASI
 LAPFSVDLSSIWIFIPQLFVGTMLLSGLVTLKLPETLGKRLATTWEEAAKLESENESSKSKLLLTNNNS
 GLEKTEAITPRDSGLGE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_033125
ORF Size:	1731 bp
Buffer:	PBS with 0.001% Pluronic F6170
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_033125.2</u>
RefSeq Size:	1997 bp
RefSeq ORF:	1734 bp
Locus ID:	85413
UniProt ID:	<u>Q86VW1</u>
Cytogenetics:	6q21-q22.1
MW:	64.6 kDa