

Product datasheet for **MR208224A1V**

Mouse Slc16a14 (NM_027921) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc16a14 (NM_027921) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc16a14
Synonyms:	1110004H10Rik
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208224 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGTATACGAGTCATGAAGATATCGGGTATGACCTTGAAGACGACCGAAAGGCTAAGAATAAGAAGACGC
 TGAAGCCCCACCCAGATATCGATGGCGGGTGGGCTGGATGATGGTCCTCTCGTCTTCTTTGTTACAT
 CCTCATCATGGGCTCACAGATGGCCCTAGGAGTCTCAACGTGGAGTGGCTTGAAGATTTCACCAGAGC
 CGCGGCTGACCGCTGGGTGAGTCCCTGAGCATGGGCATCACCTTGATCGTGGGACCTTTATCGGCT
 TGTTATTAAACACCTGCGGGTCCGCCAGACAGCAATCATTGGAGGCTGGTGAACCTCCCTGGCTGGGT
 GTTGAGCGCTATGCAGCAATGTGCAGTCTCTTTATTACCTTTGGAGTGGCAGCAGGCTTGGCAGT
 GGGATGGCTTACCTACCTGCAGTGGTCATGGTGGGAAGTACTTTCAGAAAGACGAGCCCTGGCCAGG
 GCCTCAGTACCACGGGACAGGATTTGGGACGTTCTGATGACCGTGTGCTGAAATACCTGTGCGCAGA
 ATATGGCTGGCGAATGCTATGTTTATCAAGGTGCTCTGTCCCTGAACCTGTGTGTCTGTGGGCGCTC
 ATGAGGGCCCTCTCTCCGAGAAGTTAGAAAATGCCAGAAAGCGGAAGAGCCGTGTGCTCTCCAGCTT
 ACTCCACTGAATCTGTTAAGTCTGGAGGACCACTGGGCATGGCTGAAGAACAGGACAGAAAGGCCGGAA
 TGAGGAGATGGTGTGACCTTCAAACACAGGAGTGTCAAGGTCAAACCCATCCGAGGAAGAATGTGTGT
 GCCTTCCGGGTCTGAAGACAGTGAAGCAGCTCACTGTGCAAGTCCGAGGGGCTTTAGGACTGGCACT
 CAGGCTATTTTGGGACGGCTTCACTCTTCAACACCGCATGTTTGTAGCCTTTATTTCTGGGCTCTGTT
 CGCATACAGCAGCTTTGTCATCCCTTTTATCCACCTGCCGAAATCGTCAGTTTGTATAACTTGTGAGG
 CAAATGACACATTCCCTCTGACCTCGATTATAGCAATACTTCACATCTTCGGAAGGTGATCTTGGGGG
 CCGTGGCGGACCTCCCTGTATCAGCGTCTGGAATGTCTTCTCATCGTAATTCACCTCGTCTCAG
 CATCTTCTCTCTGCTCTGATGCACACCTACGCGAGTCTGGCTGTCAATTTGTGCCCTAATTGGGTTTTCT
 AGCGGGTATTTTCCCTCATGCCTGTGGTGACAGAGGACCTGGTGGCACTGAGCACTTGGCCAATGCCT
 ACGGCATCATCTGCGCCAATGGCATCTCAGCCTTACTAGGACCACCATTCGAGGATGGATCTTTGA
 CATCACCCAAAAATAGACTTTTCTTTTATATATGTGGTTTGTCTTACATGGTAGGGTACTCTTTTGT
 CTCATTCAACCGTGATTTCAGATGATAGATCAATCCAGAAGGAAGTGCATAGAGGGTGCACATGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208224 protein sequence
 Red=Cloning site Green=Tags(s)

MYTSHEDIGYDLEDDRKAKNKKTLKPHPDIDGGWAWMMVLSSFFVHILIMGSQMALGVLNVEWLEEFHQ
 RGLTAWVSSLMSGITLIVGPFIGLFINTCGCRQTAIIGGLVNSLWVLSAYAANVQSLFITFGVAAGLGS
 GMAYLPAVVMVGRYFQRRRALAQGLSTGTGFTFLMTVLLKYLCAEYGWRNAMFIQGALSLNLCVCGAL
 MRPLSPEKLENCPEAEPCALPAYSTESVKSGLPLGMAEEQDRRPGNEEMVCDLQTQECQGQTHPRKNVC
 AFRVLKTVSQLTVQVRRGFRDWHSGYFGTASLFTNRMFAFIFWALFAYSSFVIPFIHLPEIVSLYNLSE
 QNDFPLTSIIAILHIFGKIVILGAVADLPCISVWVFLIANFTLVLSIFLLPLMHTYASLAVICALIGFS
 SGYFSLMPVVTEDLVGTEHLANAYGIIICANGISALLGPPFAGWIFDITQKYDFSFYICGLLYMVGILFL
 LIQPCIQMIDQSRRKCIIEGAHV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_027921

ORF Size:

1536 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_027921.1, NP_082197.1</u>
RefSeq Size:	2363 bp
RefSeq ORF:	1539 bp
Locus ID:	71781
UniProt ID:	<u>Q8K1C7</u>
Cytogenetics:	1 C5
MW:	56.5 kDa