

Product datasheet for **MR207349A1V**

Mouse Slc30a6 (NM_144798) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc30a6 (NM_144798) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc30a6
Synonyms:	9530029F08Rik; ZnT6
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR207349 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGGGACGATTCATCTCTTTTCAAAGCCACAGAGATCTTTTTTTGAAAAGTTACTACAGGAATTTAGAC
 TTGTCGCAGCTGACCGGAGGTCCTGGAAGATCCTTCTGTTCGGTGCAATCAACGTGCTGTGCACTGGCTT
 CCTGCTCATGTGGTGCAGCTCCACCAACAGCATCGCATTAACTGCCTATACTTACCTCACCATCTTTGAT
 CTCTTTAGTTTAATAACATGTTTAATAAGCTACTGGGTAATGATGAGGAAACCTAGCCCTGTCTATTTCAT
 TTGGGTTTCAAAGATTAGAAGTCTGGCTGATTTGCTTCTACTGTCTTGGCACAATGGGAGCCCTCTT
 TATACTAAAAGAAAGTGCAGAACGCTTTTTGGAGCAGCCGAGATACACACGGGAAGATTGTTAGTTGGT
 ACTTTTGTGGCCCTTTCTTTCAACCTGTTACGATGCTTTCTATTGGAATAAGCCTTTTGTCTACGTCT
 CTGAAGCTGCTAGTACGAGCTGGCTTCAGGAGCACGTGGCAGACCTTAGCCGAGCTTGTGTGGCCTTAT
 CCCAGGACTCAGCAGTATCTTCTGCCCGCATGAATCCGTTTGTCTGATTGATCTTGTGGGCGCTT
 GCTCTGTGTATAACATACATGCTGATTGAGATTAATAACTACTTTGCCGTGGACACTGCGTCAGCCATTG
 CCATTGCCCTGATGACGTTTGGCACCATGTACCCCATGAGTGTGTACAGTGGGAAAGTGCTCCTCCAGAC
 AACACCACCTCATGTTATCGGTCAGTTGGACAACTGATTAGAGAGGTGTCTACCTTGGATGGGGTGCTA
 GAAGTCCGAAATGAACACTTTTGGACCTTGGATTGGCTCATTGGCTGGGTGAGTGCATGTACGGATCC
 GACGAGATGCGAACGAACAAATGGTCTTGTCTCATGTGAGCAACAGGCTGTGCACGCTGGTGTCCACGCT
 GACTGTTTCAGATCTTCAAGGACGACTGGATTCCGCTGCCTTATCCTCTGGGCTGTTGCCCCAAACGTC
 CTAACCTTCTCAGACCATCACGTAATCCCAATGCCTTTATTAAGAAGCTGGATGAGAGGACCCCGTCA
 CGTCAACCCAGCCAAGCCAGCAGCCACCTCCGGAGTTTTCATTTAATACGCTGGGAAAAACGTGAG
 CCGGTTATTCTTCTGAACACACAGACAAGGCCATATAGTTTGGGTCTTAATCGCGGACACACACCATAC
 AGCAGCGTGTTCAGCCAAGGACTCGCATTTCCAGGAGTTGGAGCCGGCCAGGATTGAGGCCACCTTCC
 CACATATACCAAGTAGATATGGAATCAACAGGATGGGGCAGCCAAGACCC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207349 representing NM_144798
 Red=Cloning site Green=Tags(s)

MGTIHLFRKPQRSFFGKLLQEFRLVAADRRSWKILLFGAINVLCTGFLLMWCSSTNSIALTAYTYLTIFD
 LFLSLITCLISYWMMRKPSPVYSFGERLEVLAFASTVLAQLGALFILKESAERFLEQPEIHTGRLLVG
 TFVALSFNLFTMLSIRNKPFAVYSEAASTSWLQEHVADLSRSLCGLIPGLSSIFLPRMNPVFLIDLAF
 ALCITYMLIEINNYFAVDTASAIAlALMTFGTMYPMVSYSKVLQTPPHVIGQLDKLIREVSTLDGVL
 EVRNEHFWTGFGSLAGSVHVRIRRDANEQMVLAHVSNRLCTLVSTLTQIFKDDWIRPALSSGPVAPNV
 LNFSDHHVIPMPLLKNVDERTPVTSTPAKPSSPPEFSFNTPGKNVSPVILLNTQTRPYSGLNRGHTPY
 SSVFSQGLAFPGVGAGQLRPTFPHIPSRYSYGINRMGQPRP

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_144798

ORF Size:

1380 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_144798.2, NP_659047.2</u>
RefSeq Size:	2156 bp
RefSeq ORF:	1383 bp
Locus ID:	210148
UniProt ID:	<u>Q8BJM5</u>
Cytogenetics:	17 E2
MW:	51 kDa