

Product datasheet for **MR208046A1V**

Mouse Slc37a2 (NM_020258) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc37a2 (NM_020258) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc37a2
Synonyms:	cl-2; ci2; G3PP; Slc37a1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>MR208046 representing NM_020258
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGGTCTCCCTGGCTCCTGGTGTCTGGTTCCTTCGCGCCTTCTCTAGGGACAGCTGGTTCGGTGGCT
 TCATCCTGCTGCTCACCTTCCTCATTTATGCCTGTTATCACATGTCCAGAAAGCCCATCAGCATCGTCAA
 GAGCCGCTGCACCAGAACTGCTCAGAGATGGTCAGACCTGTTAATGACACCCACGATCTCAATGATACC
 ACCTGGTGCAGCTGGAGTCCATTCGACAAAGATGACTACAAGGAGTTACTAGGAGCTGTGGACAATGCCT
 TCCTAGTGGCTTATGCCATTGGCATGTTTATTAGTGAATCTTTGGGAGCGGCTGCCCTGCGTTACTA
 CCTCTCGGCTGGAATGGTGCTAAGTGGCTATTCACCTCCCTCTTGGCTGGGTACTTCTGGAATATC
 CACATGCTCTGGTACTTTGTGCTCATCCAGATCTGCAACGGGCTTGTGCAGACTACAGGCTGGCCATCTG
 TGGTGACCTGTGTGGCAACTGGTTTGGGAAGGAAAGCGGGATTATCATGGGCATCTGGAATCTCA
 CACATCTGTGGCAACATTCTGGGCTCTCTGATTGCTGGAGTCTGGGTGAACCAGCACTGGGCTGTCA
 TTCATCGTGCCTGGCATTATCACTGCTATCATGGGTGTATCACCTTCCTCTTTCTTATTGAATATCCAG
 AAGATGTGGACTGTACCCCTCCTCGGCATCATGATGACCCGGAGAAGGAACAGGACAACCTGAGGATCC
 TGTGAATAGTCCCTACAGCAGCAGGGAGAGTAATGTGGACATTGCAGCCAGCTCCTCCAAGGAGCAGGGC
 CCTGAGCCTGAAGCCATCAGTTTCTGGGGGCACTCAGAATCCGGGAGTGATCGAGTTCTTTTATGTC
 TGCTCTTTGCCAAGTTGGTCAGCTATACCTTTCTCTACTGGCTGCCCTTGTACATCTTCAATGTGGCTCA
 CTTTAGTGCCAAGGAGGCTGGGACCTATCCACGCTTTTGTATGTTGGTGGCATCATAGGTGGCATCATG
 GCAGGGCTCATCAGCGACTACACCAATAGCAGGGCCACCACTTGTGCATCATGCTGATCTTGGTGTCTC
 CCATGATGTTCTGTACAACATACATTGGCCAGAATGGGATAACCAAGTTCATAGTGATGTTAATTATCTG
 TGGGGTCTGGTCAATGGCCCTTACGCACTCATCACGACAGCGGTCTCTGCTGACCTGGGCACACATGAG
 AGCCTGAAGGTAACGCCAAGGCCCTCTCCACTGTACGGCCATTATCGACGGCACTGGTTCATAGGTG
 CGGCTCTGGGCCCCCTACTGGCCGGGCTCATTTCCCCGACAGGCTGGAACAATGTGTTCTACATGCTCAT
 CTCTGCCGACGTCTTGGCTTGTCTGCTCTGCAAGTTGGTGTACAAAGAGATCCTGGCCTGGAAGACG
 GCCTGCGGCAGAAGCAGTGGGTACAAACAATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MRSSLAPGVWFLRAFSRDSWFRGFILLTFLIYACYHMSRKPIISIVKSRLHQNCSEMRVPVNDTHLNDT
 TWCSWSPFDKDDYKELLGAVDNAFLVAYAIMFISGIFGERLPLRYL SAGMVL SGLFTSLFGLGYFWNI
 HMLWYFVLIQICNGLVQTTGWPSVVTGCVNWFKGKRGFIMGIWNSHTSVGNILGSLIAGVWVQHWGLS
 FIVPGIITAIMGVITFLFLIEYPEDVDCTPPRHDDPEKEQDNPEDPVNSPYSSRESNVDIAASSSKEQG
 PEPEAISFLGALRIPGVIEFSLCLLFAKLVSYTFLYWLPYIFNVAHFSAKEAGDLSTLFDVGGIIGGIM
 AGLISDYTNSRATTCCIMLILAAPMMFLYNYIGQNGITSSIVMLIICGVLVNGPYALITTAVSADLGTHE
 SLKGNAKALSTVTAIIDGTGSIGAALGPLLAGLISPTGWNVNYMLISADVLACLLLCRLVYKEILAWKT
 AGRSSGYKQI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_020258

ORF Size:

1503 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_020258.4</u> , <u>NP_064654.3</u>
RefSeq Size:	4383 bp
RefSeq ORF:	1506 bp
Locus ID:	56857
UniProt ID:	<u>Q9WU81</u>
Cytogenetics:	9 A4
MW:	55.5 kDa