

Product datasheet for **MR208511A1V**

Mouse Slc37a1 (NM_153062) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc37a1 (NM_153062) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc37a1
Synonyms:	G3PP
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR208511 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCTCTGCTTCCCGTGGGCATCCGCTTCATCATCTCCTTCTCCAGGGATCAGTGGTACCGGGCTTTCA
 TTTTATGCTGACCTTTCTGCTCTATGCAAGCTTCCACTTATCCGAAAGCCTATCAGCATAGTGAAGG
 CGAGCTTCACAAGCAGTGTACTGCAGGAGATGGCCTGAGTCTCCATTAGTGACCTAGCAGCAGCACC
 AGGCATGGCCCCACCACTGGCTCCTGAACAATGAGACCGACTGTGGTGGGCCCCCTCGATAAGAACA
 ATTACCAGCAGCTGCTTGGAGCCTGGACTACGCCTTCTGTGCGCTATGCCATTGGAATGTACCTGAG
 TGAATAATAGGGGAACGCTGCCGATTAGGTATTACCTGACTTTCGGGATGCTGGCCAGCGCGCCTTC
 ACAGCCCTGTTGGCTTGGGCTATTTCTACAACATCCACAGCCTGGGATTCTACGTGGTGACCCAGATCA
 TTAATGGACTGGTGCAGACCACAGGCTGGCCAGCGTTGTACCTGCCTCAGCAACTGGTTTGGAAAAGG
 AAGGCGTGGCCTGATCATGGGGATTTGGAATCCACACCTCCGTGGGCAACATTCTGGGGTCTTGATT
 GCCGGCTACTGGGTGTCTACGTGCTGGGCTGTCAATTTATCGTGCCTGGGGCCATCGTGGCAGCCATGG
 GGATAGTGTGCTTTCTTTCTCATCGAACACCCTAAGGACGTCAAGTGCTCCTCCACCTCCCCACGCA
 CCCTAGAGCCTCTGAGAATGGCATAAACAGATTTAGACTGCAGAAGCAAACACGTACAGTGAAGAAGT
 GGACCTCTGGACCCAGAGCTTCACTGCTTGTCTACTCTCCGACGGGAAGAACCCCTTACCCCAAGCCATA
 TTGTTGTCTCCCTGCTGATGGCAACATGGCCGCCATCAGCTTACCGGAGCCCTGAGGATCCCGGGCGT
 GATTGAGTTTTCTGTGTTTGTGTTTGCCAGCTGGTCAGCTACACATTCTGTTCTGGCTCCCGCTG
 TACATCACCAGTGTAGTACCTGGATGCCAAGAAAGCTGGGAGCTGTCCACATTGTTGACGTGGGCG
 GGATCTTTGGTGGGATTCTAGCAGGCGTGATCTCCGACCGTCTGGAGAAACGAGCCTCCACTTGTGGTCT
 GATGCTATTGCTGGCAGCACCCACGCTCTATGTCTTCTCCTCCGTCAGCAGAATGGGCTAGAAGCCACC
 ATAGCCATGTTGCTCCTCAGTGGGCGCTGGTGAGCGGCCCTACGCACTGATCACCCTGCCGCTCTG
 CAGACTTGGGACTCACAAGAGTCTGAAAGGGAAGTCCACGCGCTGTCCACCGTGACAGCCATCATCGA
 CGGCACTGGGTCTGTAGGAGCTGCCTTGGGCCCCCTGCTGGCAGGGCTCATCTCCCCCTCTGGATGGAGC
 AACGTGTTCTACATGCTGATGTTTGAGATGCCTGTGCCTTACTGTTCTGGTCCGCCTCATACACAAGG
 AGTTGAGCTGTCCAGGCCAGCCGAGGATCCAGGCTCCGCTGAAGGAACAC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208511 protein sequence
 Red=Cloning site Green=Tags(s)

MALLPVGIRFIISFSRDQWYRAFI FMLTFLLYASFHL SRKPI SIVKELHKQCTAGDGPESPFSDPSSST
 RHGPTHWLLNNETDCGWAPFDKNYQQLLGALDYAFLCAYAIGMYLSGIIGERLP IRYLTFGMLASGAF
 TALFGLGYFYNIHSLGFYVVTQI INGLVQTTGWPSVVTCLSNWFGKRRRLIMGIWNSHTSVGNILGSLI
 AGYWVSTCWGLSFIVPGAIVAAMGIVCFLLIEHPKDVKCSSTLPTHPRASENGINRFLQKQTYSEKN
 GPLDPELQCLLLSDGKNPLHPSHIVVLPADGNMAAISFTGALRIPGVIEFSLCLLFAKLVSYTFFLWLPL
 YITSVDHLDAKKAGELSTLFDVGGIFGGILAGVISDRLEKRASTCGLMLLLAAPTLYVFSVSRMGLEAT
 IAMLLSGALVSGPYALITTAVSADLGTHSLKGNSHALSTVTAIIDGTGSVGAALGPLLAGLISPSGWS
 NVFYMLMFADACALLFLVRLIHKELSCPGAAGIQAPLKEH

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_153062

ORF Size:

1593 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_153062.2, NP_694702.1</u>
RefSeq Size:	2942 bp
RefSeq ORF:	1596 bp
Locus ID:	224674
UniProt ID:	<u>Q8R070</u>
Cytogenetics:	17 B1
MW:	57.4 kDa