

Product datasheet for **MR210880A1V**

Mouse Slc39a10 (NM_172653) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc39a10 (NM_172653) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc39a10
Synonyms:	2900042E17Rik; 5430433I10; mKIAA1265
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR210880 representing NM_172653
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAAGGTGCATATACACACAAAGTTTTGCCTCATCTGTTTACTGACATTTATTTTCCATCATTGCAACC
 ACTGCCATGAAGACCATGACCATGGCCCTGAGGAGCTTACAGACATCATCGTGGGATGACAGAGTCAGA
 GTCAAGCAAATTTTCAGTGCAGGATGCTGAAAATGAAAAAAGTACTATATTGAAAACTTTTGACCGT
 TATGGTGAAAATGGAAGATTATCATTTTTTGGTCTGGAGAACTTTTAACAACTTGGGCCTTGGAGAGA
 TCAAAGTCGTTGAGATTAATCACGAGGACCTTGGCCATGATCATGTTTCTCACTTAGACATTCTGGCAGT
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 ACTACAACCATGTGACATCAAAAAGAAACCACAAATGTGATCCAGAGAAAGAGGCAGCTGAAGTCCCA
 TCAAAGCTGATGATAAACACCTGCATGACCGCAATCACCGCTTCCATCATGCCATCGTTTGCATCATCA
 CCTGGATCACAACACTACTCGTCACGTTTATAATGACTCCGTTGCTCACAGTGAGCATGGGGAGCCCGGT
 CACAGCCCTTACCAGAGACCAATAAACACAAAGAGCAGTCTGAAGTGAAGTCAGTGAAGGTGAGGAGGA
 AAGAAAAGGGAGAGGAAGAAAAGAAAAGTTCGGAGGTTAATACACCAGGTTTCTCCCCAACCATGATCA
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 CAAAGACCAGAGTGAAGACGACCGCCAGCATGAATGTTGAACGTCACCTAGTTGTTAAACACTTTGGT
 CTTGGTCCGAAGTCTCCCATCTACCGGATCTATTACGTACCTTTGCCCTGCATTGCTGTATCAGATCG
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 CACAGAAGAATCCACTATTGGAAGAAAGCTTTCAGATCATAAGTTAAACAGCACACCGGATGCTGACTGG
 CTCCAAGTCAAGCCCTTGTGGAACGGATGACTCGGTAGTCTCTGAAGACCGGCTTAATGAGACTGAAC
 TGACGGATTTAGAAGCCCAACAAGAATCCCTCCTAAAAATTACCTGGGTGTGGAGGAAGAGAAAATCAT
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 ACGGGCCCTGCCACTCCGGCTCAGACCTGAAGGAAACAGGAATAGCCAATATAGCCTGGATGGTGATCAT
 GGGTGACGGCATCCACAACCTCAGTGACGGCTCGCCATTGGGGCAGCTTTCAGCGCGGGGCTGACTGGA
 GGCATCAGCACATCCATAGCCGCTTCTGTGATGAAGTCCACATGAATTAGGTGATTTTGACGTTCTTC
 TAAAAGCAGGCATGACCGTAAAGCAAGCAATTGTGTACAATCTGCTCTGCCATGATGGCTTACATAGG
 AATGCTCATAGGCACGGCAGTCGGTCAGTATGCCAACACATCACACTCTGGATCTTCGCAATCACTGCC
 GGCATGTTCTCTATGTGGCCTTGGTGGATATGCTTCCAGAAATGCTGCATGGAGATGGTGACCATGAGG
 AGCATGGCTTCTGTCCAGTTGGGCAGTTCATTCTCAGAATTTAGGACTGCTGTTTGGATTGCCATCAT
 GCTGGTTATTGCCCTCTATGAAGACAAATTGTGTTTGACATCCAGTTC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR210880 representing NM_172653 Red=Cloning site Green=Tags(s) MKVHIHTKFC LICLLTFIFHHCNHCHEDHDHGPEELHRHHRGMTESSESKFSVQDAENEKYYIEKLFDR YGENGRLSFFGLEKLLTNLGLGEIKVVEINHEDLGHVSHLDILAVQEGKHFSHTHQHFHNLNAENH TTTSVTSKRNHKCDPEKEAAELPIKADDKHLHNRHFRHHRHLHHLDHNTTRHVHNDVSAHSEHGEPG HSPSPETNKTQEQSEVKS VKVRRKEKGKRKKENSEVNTPGFLPNHDHSEQYEHNRVHKLDRVHSPGHPHA HLPEHSGHELGHGHQELDPDNEGELRHTRKREAPHVRKSAIYSTPSHKDQSEDDRQHECLNVTQLLKHF LGPNSPISPD LFTYLC PALLYQIDSRLCIEHFDKLLVEDLNKDKTLVPEDKTNIGASAWICGII SITVIS LLSLLGVILVPIINQGC FKLLTFLVALAVGTMSGDALLHLLPHSQGGHDHSHQHTHGHGSHGHESKEF LEEYDAVLKGLVALGGIYLLFII EHCIRMFKHYKQQRGKQKWF MKQSTEESTIGRKLSDHKLNSTPDADW LQLKPLAGTDDSVVSEDRLNETELTDLEAQQESPPKNYLGVEEEKIMDHS HDGLHTIHEHEVHTSHNH HDEDKAVLRKHS HQWHHRHAHSHG PCHSGSDLKETGIANIAMVMIMGDIHNFSDGLAIGA AFSAGLTG GISTSI AVFCHELPH ELGDFAVLLKAGMTVKQAI VYNLLS AMMAYIGMLIGTAVGQYANNITLWIFAITA GMFLYVALVDMLPEMLHGDGDHEEHGFCPVGQF ILQNLGLLFGFAIMLVIALYEDKIVFDIQF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_172653
ORF Size:	2499 bp
Buffer:	PBS with 0.001% Pluronic F1954
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:	NM_172653.2
RefSeq Size:	5003 bp
RefSeq ORF:	2502 bp
Locus ID:	227059
UniProt ID:	Q6P5F6
Cytogenetics:	1 C1.1
MW:	94.8 kDa