

Product datasheet for **MR207942A1V**

Mouse Slc37a3 (NM_028123) AAV Particle

Product data:

Product Type:	AAV Particles
Tag:	Myc-DDK
Symbol:	Slc37a3
Synonyms:	2610507O21Rik; AU044904
Mammalian Cell	None
Selection:	
Vector:	pAAV-AC-Myc-DDK (PS100089)



ORF Nucleotide Sequence: >MR207942 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCCTGGCCACGATTTTGCAGAGAGGAGCTCTCCTCACCAGCTTCAGCCATCACCACCTTGCTGTGT
 TCCTGCTCAGTTCTTCAGCTATTCATTGCTCCATGCGTCAAGAAAAACATTTAGCAATGTGAAAGTCAG
 TATCTCTAAGCAGTGGACCCCAATGCTTTTAACATCACTTGACCTGCCTGCAGAGATCTGGAGCAGC
 AACCATCTATTTCCAGCACAGAGGAAGCCACTCTTTTCTTGGAACTAGATACTGTTTTCTGTTCT
 CCTATGCTGTGGGCTCTTCATCAGTGGCATCATAGGCGATCGGCTGAATTTGCGATGGGTTCTGTCTTT
 TGGCATGTGCTCTTCTGCATTCTGGTGTGTTGTCTTTGGTACTCTTACGGAATGGCTGCATCTCTACAAC
 AAGTGGTTCTACTGCGGTCTGTGGATTGTGAACGGCCTGCTGCAGTCCACTGGTTGGCCCTGTGTGGTTG
 CTGTGATGGGCACTGGTTGGGAAAGCTGGCCGAGGAGTTGTCTTTGGTCTCTGGAGTGCCTGTGCTTC
 GGTGGGCAATATTTGGGAGCATTCTGACCTCATCGGTTCTCCAGTATGGTTATGAGTACGCCCTTCTG
 GTGACCGCATCTGTGCAGTTTCTGGTGGGATCATCATCTTTGGACTTCTAGTGTACCCAGAAAGAAA
 TTGGTCTCCTGAGTATCGGGCAGAGGAGAGCTCGGAAGAAGATTCACAGAGGCCACTCATCGATGGTGC
 TGAAAAAGAAGTACTATGAGCCTAACTATTCGATCCAGGAGGACAGGGCTGTCTGCAAGTGAAGGCC
 ATAAGCTTTTCATCAGGCTTCTGCTGCTTCTGGGTCATCCCGTACTCACTGGCCTACGCCCTGCCTGAAGC
 TAGTGAACACTCTCTTCTTCTGCTGGCTGCCCTTTATCTGAGTAACAACCTTCGGGTGGAAGGAAGCCGA
 AGCTGACAAGCTGTCCATTTGGTACGACGTCGGAGGTATCATAGGTGGGACTCTGCTAGGCTTCATCTCT
 GACGTACTGCAGAAGAGACACCTGTGCTGGCCCTCAGCCTCTTCTGGCCGTCGGGTCCCTTGTGGGT
 ATAGCCGCTCTCCAAACAATAAGTCCATCAATGCGCTTCTGATGACCATTACAGGGTTTTTATCGGCGG
 ACCATCCAATATGGTTAGCTCTGCTATTTCTGCAGACTGGGTCGCAAGAGCTGATCCAAGGGAACAGC
 GAGGCTCTGGCGACTGTACGGGGATCGTCGATGGAACAGGAGTATTGGTGTCTGTGGGCCAGTATC
 TGGTGTCTTTGATCCAGGACAACCTTAGGATGGATGTGGGTTTTCTACTTTTTATTCTCATGACAAGTTG
 TACAATCTGTATTCTCGCCGTTAATAGTGAGGAAGTATTTCTCTTGTGCAAAGGAGACAAGCTCAC
 TCACTTAATGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR207942 protein sequence
 Red=Cloning site Green=Tags(s)

MAWPRFLQRGALLTSFHHHLAVFLLTFFSYSLHLSRKTFNNVKSISKQWTPNPNFNTSLDLPALIEWSS
 NHLFPSTEEATLFLGTLDTVFLFSYAVGLFISGIIGDRLNLRWVLSFGMCSSAFVVFVFGTLTEWLHFYN
 KWFYCGLWIVNGLLQSTGWPCVVAVMGNWFGKAGRGVVFGLWSACASVGNILGAFLTSSVLQYGYEYAF
 VTASVQFAGGIIIFGLLVSPEEIGLLSIGAEESSEEDSQRPLIDGAENEDDYEPNYSIQEDRAVVQVKA
 ISFHQACCLPGVIPYSLAYACLKLVNYSFFWLPFYLNNFGWKEAEADKLSIWDVGGIIGGTLGLFIS
 DVLQKRAPVLALSLFLAVGSLVGYSRPNKNSINALLMTITGFFIGGPSNMVSSAISADLGRQELIQGNS
 EALATVTGIVDGTGSIGAAVGQYLVSLIQDNLGMMWVFYFFILMTSCTILFISPLIVREVSLVQRRQAH
 SLNE

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Mouse
Serotype: AAV-2
ACCN: NM_028123
ORF Size: 1482 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:	NM_028123.2 , NP_082399.2
RefSeq Size:	4065 bp
RefSeq ORF:	1485 bp
Locus ID:	72144
UniProt ID:	Q3TIT8
Cytogenetics:	6 B1
MW:	54.4 kDa