

Product datasheet for **MR227448A1V**

Mouse Slc6a4 (NM_010484) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Slc6a4 (NM_010484) AAV Particle
Tag:	Myc-DDK
Symbol:	Slc6a4
Synonyms:	5-HTT; AI323329; Htt; Sert
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR227448 representing NM_010484
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGACCACACCTTTGAATTCTCAGAAAGTGTCTGAGAGTGAAGGACAAAGAGGACTGCCAAGAAA
 ATGGTGTCTGCAGAAGGGTGTCCACACACAGCAGACAAGGCAGGGCCTGGACAAATATCCAATGGGTA
 CTCCGCAGTTCACAGTACAAGCGCTGGGGATGAAGCGCCACACTCTACGCCAGCTGCCACCACCACCTG
 GTGGCTGAGATTACCAAGGGGAACGGGAGACCTGGGGCAAGAAGATGGATTTCTCTGTCTGTCAATTG
 GCTATGCCGTGGACCTGGGCAACATCTGGCGTTTTCCCTACATATGCTACCAGAATGGTGGAGGGGCCTT
 CCTCTCCCTTACACCATCATGGCCATCTTTGGGGGATCCCACTCTTCTACATGGAGCTCGCCCTGGGC
 CAGTACCACCGAAATGGGTGCATTTCTATATGGAAGAAGATCTGCCGATTTTCAAAGGCATTGGCTATG
 CCATCTGCATCATTGCCTTTTATATCGCTCTACTATAACACCATCATAGCCTGGGCGCTCTACTACCT
 CATCTCCTCCTCACGGACCAGCTGCCCTGGACCAGCTGCAAGAACTCTTGAACACTGGCAACTGCACC
 AACTACTTCGCCACAGGACAACATCACCTGGACACTCCATTCCAGCTCACCTGCTGAGGAGTTTACTTGC
 GCCATGTCTGCAGATCCATCAGTCAAAGGGACTCCAGGACCTGGGGACCATCAGCTGGCAGCTGGCTCT
 CTGCATCATGCTCATCTTACCATTATCTACTTCAGCATCTGGAAGGAGTCAAACGCTGGCAAGGTG
 GTGTGGGTGACAGCCACCTTCCCTTACATTGTCTTTCTGTCTGCTGGTGGAGGGGAGCCACCCTTCTG
 GAGCCTGGAGAGGGGTGTCTTTTACTTGAAACCAACTGGCAGAACTCTTGGAGACAGGGGTGTGGGT
 TGATGCTGCGGCTCAGATCTTTTCTCTTGGCCCGGGTGGGGTCTCTGGCGTTTGCTAGCTAC
 AACAAGTTCAACAACAACTGTTACCAAGATGCCTGGTACCAGTGTGGTGAAGTGCATGACGAGCTTCG
 TCTCTGGCTTTGTCATCTTACGGTGTGGCTACATGGCTGAGATGAGGAACGAAGACGTGTCCGAGGT
 GGCCAAAGACGCGGGGCCAGCCTCCTTTTATCACATATGCGGAGGCAATAGCTAACATGCCAGCATCC
 ACATTCTTTGCCATCATCTTCTCTCTATGTTAATCACGCTGGGTTTGGATAGTACGTTGCGAGGCTGG
 AAGGTGTGATCAGCTGTGTTGGATGAGTTTCTCACATCTGGGCCAAGCGCAGGGAATGGTTTGTGCT
 CATCGTGGTCATCACTTGCATCTTGGGATCCCTGCTCACACTGACATCAGGAGGGGCGTATGTGGTGACC
 CTGCTGGAGGAGTACGCCACGGGGCCAGCAGTGTCTACCGTGGCTCTCATCGAGGCCGTCGTCTGTCTT
 GGTTCTATGGAATCACTAGTTCTGCAGCGACGTGAAGGAAATGCTGGGCTTACGCCCGGATGGTTTTG
 GAGGATCTGCTGGTGGCCATCAGCCCTGTCTTCTCTGTTTCATCATTTGCAGTTTTTGTAGTCCA
 CCCCACCTCCGCTTTTCCAATACAATTATCCCACTGGAGTATCATCTTGGGCTACTGCATAGGAACAT
 CGTCTGTCTGTCATCCCTATATACATCATTTATCGGCTGATCAGCACTCCAGGGACACTTAAGGAGCG
 CATTATTTAAAGTATCACTCCTGAAACACCAACGGAATTCCGTGTGGGGACATCCGCATGAATGCTGTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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METTPLNQKVLSECKDEDCQENGVLQKGVPTPADKAGPGQISNGYSVPSTSADEAPHSTPAATTTL
 VAEIHQGERETWKKMDFLLSVIGYAVDLGNIWRFPYICYQNGGAFLLPYTIMAIFGGIPLFYMELALG
 QYHRNGCISIWKKICPIFKGIGYAICIIAFYIASYYNTIIAWALYYLISFTDQLPWTSCKNSWNTGNCT
 NYFAQDNITWTLHSTSPAEFYLRHVLQIHQSKGLQDLGTISWQLALCIMLIFTIIFYSIWKGVKTSKGV
 VVVTATFPYIVLSVLLVRGATLPGAWRGVVFYKPNWQKLLTGWVWDAAQIFFSLGPGFGVLLAFASY
 NKFNNNCYQDALVTSVNCMTSFVSGFVIFTVLGYMAEMRNEDVSEVAKDAGPSLLFITAYAEIANMPAS
 TFFAIIFFLMLITLGLDSTFAGLEGVITAVLDEFPHIWAKRREWFVLIVITCILGSLTSSGGAYVVT
 LLEEYATGPVLTVALIEAVVSWFYGITQFCSVDKEMLGFSPGWFWRICWVAISPLFLFLFIICSLMSP
 PQLRLFQYNYPHWSIILGYCIGTSSVICIPIYIIYRLISTPGTLKERIKSITPETPTEIPCGDIRMNAV

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:	AAV-2
ACCN:	NM_010484
ORF Size:	1890 bp
Buffer:	PBS with 0.001% Pluronic F4281
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_010484.2, NP_034614.2</u>
RefSeq Size:	2747 bp
RefSeq ORF:	1893 bp
Locus ID:	15567
UniProt ID:	<u>Q60857</u>
Cytogenetics:	11 46.18 cM
MW:	70.5 kDa