

Product datasheet for **MR215410A1V**

Mouse Amy2a3 (NM_001160151) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Amy2a3 (NM_001160151) AAV Particle
Tag:	Myc-DDK
Symbol:	Amy2a3
Synonyms:	mAmy2-4; OTTMUSG00000022430
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>MR215410 representing NM_001160151
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGTTCGTTCTGCTGCTTTCCCTCATTGGGTTCTGCTGGGCTCAATATGACCCACATACTTCAGATG
 GGAGGACTGCTATTGTCCACCTGTTGAGTGGCGCTGGGTTGATATTGCCAAGGAATGTGAGCGATACTT
 AGCTCCTAAGGGATTGGAGGGGTGCAGGTCTCTCCACCAATGAAAACGTTGTAGTTCATAACCCATCA
 AGACCTTGGTGGGAAAGATACCAACCAATCAGCTATAAAATCTGCACAAGGTCTGGAATGAAGATGAAT
 TCAGAGACATGGTGACAAGGTGCAACAATGTTGGTGTCCGTATTTATGTGGATGCTGTCATTAACCATAT
 GTGTGGCGCAGGCAATCCTGCAGGAACAAGCAGTACCTGTGGAAGTTACCTCAATCCAAATAACAGGGAA
 TTCCAGCAGTTCATACTCTGCTTGGGACTTTAACGATAATAAATGTAATGGAGAAATTGATACTACA
 ATGATGCTTATCAGGTCAGAAATTGTCGTCTGACTGGCCTTCTGGATCTTGCACTTGAGAAAGATTATGT
 TCGTACCAAGGTGGCTGACTATATGAACCATCTCATTGACATTGGAGTAGCAGGGTTGAGACTTGATGCT
 GCTAAGCACATGTGGCCTGGAGACATAAAGGCAGTTTTGGACAACTGCATAATCTCAATACAAAATGGT
 TCTCCCAAGGAAGCAGACCTTTTCATTTTCCAAGAGGTCATTGATCTGGGTGGTGAAGCAATTAAGGTAG
 TGAGTACTTTGGAATGGCCGTGTGACAGAATCAAGTATGGTGCAAACTTGGCACAGTTATCCGCAAG
 TGGAATGGCGAGAAGATGTCCTATTTAAAGAACTGGGAGAAAGGTTGGGGTTGGTGCCTTCTGACAGAG
 CCCTTGTGTTTGTGGACAACCATGATAATCAGCGAGGACATGGTGTGGAGGATCATCCATCCTGACATT
 CTGGGATGCTAGAATGTATAAAATGGCTGTCCGATTTATGTTGGCTCATCCTTATGGATTACAAGAGTA
 ATGTCAAGTTACCGTTGGAATAGAAATTTCCAGAATGGAAGATCAGAATGACTGGATTGGACACCCCA
 ATAACAATGGAGTAACAAAAGAAGTGACCATTAATGCAGACACTACTTGTGGCAATGACTGGGTCTGTGA
 ACACAGATGGCGTCAAAATCAGGAACATGGTTCCTTCAGGAATGTGGTCAATGGTCAGCCTTTTCAAAC
 TGGTGGGATAATAACAGCAACCAAGTAGCTTTTACAGAGGAAACAGAGGATTATTGTCTTTAAACAATG
 ATGACTGGGCTTTGTGAGCCACTTTACAGACTGGTCTTCTGCTGGCACATACTGTGATGTCATCTCTGG
 AGATAAGGTCGATGGCAATTGCACTGGACTTAGAGTGAATGTTGGCAGTGATGGCAAAGCTCACTTTTCC
 ATTAGTAACCTGCTGAGGACCATTTATTGCAATCCATGCTGACTCAAATTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

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MKFVLLLSLIGFCWAQYDPHTSDGRTAIVHLFEWRWVDIAKECERYLAPKGFQVQVSPNENNVVHNPS
 RPWWERYQPISYKICTRSGNEDEFDMVTRCANNVGVRIYVDAVINHMCAGNPAGTSSTCGSYLNPNNRE
 FPAVPYSAWDFNDNKCNGEIDNYNDAYQVRNRLTGLLDLALEKDYVRTKVADYMNHLIDIGVAGFRLDA
 AKHMWPGDIKAVLDKLHNLNTKWFSGSRPFIQEVIDLGGEAIKGSEYFGNGRVTEFKYGAKLGTVIRK
 WNGEKMSYLKNWGEWGLVPSDRALVFDNHDNQRGHGAGGSSILTFWDARMYKMAVGFMALHPYGFTRV
 MSSYRWNRNFQNGKDQNDWIGPPNNNGVTKEVTINADTTGNDWVCEHRWRQIRNMVAFRNVVNGQPFNS
 WWDNNSNQVAFSRGNRGFIVFNDDWALSATLQTLGPAGTYCDVISGDKVDGNCTGLRVNVGSDGKAHFS
 ISNSAEDPFIHADSGL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Mouse

Serotype:

AAV-2

ACCN:

NM_001160151

ORF Size:

1524 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_001160151.1, NP_001153623.1</u>
RefSeq Size:	3723 bp
RefSeq ORF:	1527 bp
Locus ID:	100043686
UniProt ID:	<u>P00688</u>
Cytogenetics:	3
MW:	57.3 kDa