

Product datasheet for **MC217253**

Amy2a3 (NM_001160151) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Amy2a3 (NM_001160151) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Amy2a3
Synonyms:	mAmy2-4; OTTMUSG00000022430
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC217253 representing NM_001160151
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGAAGTTCGTTCTGCTGCTTTCCCTCATTGGGTTCTGCTGGGCTCAATATGACCCACATACTTCAGATG
 GGAGGACTGCTATTGTCCACCTGTTGAGTGCGCTGGGTTGATATTGCCAAGGAATGTGAGCGATACTT
 AGCTCCTAAGGGATTGGAGGGGTGCAGGTCTCTCCACCAATGAAAACGTTGTAGTTCATAACCCATCA
 AGACCTTGGTGGGAAAGATACCAACCAATCAGCTATAAAATCTGCACAAGGTCTGGAAATGAAGATGAAT
 TCAGAGACATGGTGACAAGGTGCAACAATGTTGGTGTCCGATTATGTGGATGCTGTCATTAACCCAT
 GTGTGGCGCAGGCAATCCTGCAGGAACAAGCAGTACCTGTGGAAGTTACCTCAATCCAAATAACAGGGAA
 TTCCACGAGTTCATACTCTGCTTGGGACTTTAACGATAATAAATGTAATGGAGAAATTGATACTACA
 ATGATGCTTATCAGGTGAGAAATGTCGCTGACTGGCCTTCTGGATCTTGCACTTGAGAAAGATTATGT
 TCGTACCAAGGTGGCTGACTATATGAACCATCTCATTGACATTGGAGTAGCAGGGTTCAGACTTGATGCT
 GCTAAGCACATGTGGCCTGGAGACATAAAGGCAGTTTTGGACAACTGCATAATCTCAATACAAAATGGT
 TCTCCCAAGGAAGCAGACCTTTCAATTTCCAAGAGGTCATTGATCTGGGTGGTGAGGCAATTAAGGTAG
 TGAGTACTTTGGAAATGGCCGTGTGACAGAATCAAGTATGGTGCAAACTTGGCACAGTTATCCGCAAG
 TGGAATGGCGAGAAGATGTCCTATTTAAGAAGTGGGAGAAAGTTGGGTTTGGTGCCTTCTGACAGAG
 CCCTTGTGTTTGTGGACAACCATGATAATCAGCGAGGACATGGTCTGGAGGATCATCCATCCTGACATT
 CTGGGATGCTAGAATGTATAAAATGGCTGTGCGATTTATGTTGGCTCATCCTTATGGATTACAAGAGTA
 ATGTCAAGTTACCGTTGGAATAGAAATTTCCAGAATGGAAGATCAGAATGACTGGATTGGACACCCA
 ATAACAATGGAGTAACAAAAGAAGTGACCATTAATGCAGACACTACTTGTGGCAATGACTGGGTCTGTGA
 ACACAGATGGCGTCAAATCAGGAACATGGTTGCCTTCAGGAATGTGGTCAATGGTCAGCCTTTTCAAAC
 TGGTGGGATAATAACAGCAACCAAGTAGCTTTTAGCAGAGGAAACAGAGGATTCAATGTCTTTAACAATG
 ATGACTGGGCTTTGTGAGCCACTTTACAGACTGGTCTTCTGCTGGCACATACTGTGATGTCATCTCTGG
 AGATAAGGTGATGGCAATTGCACTGGACTTAGAGTGAATGTTGGCAGTGATGGCAAAGCTCACTTTTCC
 ATTAGTAATCTGCTGAGGACCCATTTATTGCAATCCATGCTGACTCAAAATTG**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001160151

Insert Size: 1527 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001160151.1, NP_001153623.1

RefSeq Size: 3723 bp

RefSeq ORF: 1527 bp

Locus ID: 100043686

UniProt ID: P00688

Cytogenetics: 3