

Product datasheet for **MC204056**

Ap3m1 (NM_018829) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap3m1 (NM_018829) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ap3m1
Synonyms:	1200013D09Rik; C78982; R75378
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC024595
 GTCGCCAGGTGTCGGGAAAATGATCCACAGTCTATTTCTCATAAACTGCTCTGGCGACATTTTTCTAGA
 AAAACACTGGAAGAGCGTTGTAAGCCAGTCAGTGTGTGACTATTTCTTTGAAGCTCAGGAGAAAGCTGCT
 GATGTTGAAAATGTCCCACCTGTCAATTTCAACACCTCACCCTACCTCATTAGTATCTACCGGGATAAGC
 TCTTCTTTGTGTCTGTGATACAGACCGAAGTGCCACCTCTCTTTGTAATTGAATTTCTGCATCGAGTTGC
 TGACACTTTTCAGGACTACTTTGGTGAGTGTTCAGAGGCTGCAATTAAGGATAATGTGGTCATAGTATAT
 GAGCTCTTGAAGAAAATGTTAGACAATGGATTCCCCTGGCTACTGAATCTAACATTTTGAAGAAGCTGA
 TTAACCACCAACAATTCTACGTTCTGTCTCAATTCTATTACAGGCAGTAGTAATGTTGGGGATACACT
 CCCCACTGGGCAGCTATCCAACATCCCATGGCGTCGAGCAGGAGTGAAAGTACACAAAACAATGAAGCCTAT
 TTTGATGTAGTTGAAGAGATAGATGCAATTATAGATAAATCAGGATCTACAGTCTTTGCAGAAAATCAAG
 GGGTCATTGATGCTTGCATTAAGCTGTCTGGAATGCCTGATCTCTCCCTCTTTTCATGAACCAAGGCT
 ACTAGATGACGTGAGTCCACCATGCATCCGATTCAAACGCTGGGAGTCTGAAAGAGTTTTGTCATTC
 ATTCCTCCAGATGAAAATTTCCGACTCATATCGTATCGTGTGAGTGTGACAAAATCTAGTGGCAATACCAG
 TGTATGTGAAACACAGTATCAGCTTTAAGGAAAACAGCTCTGTGGCCGTTTGATATAACAATTTGGACC
 GAAACAGAATATGGGAAAACAATTGAAGGAATCACAGTACTGTTTACATGCCCAAAGTTGTGCTGAAT
 ATGAACCTGACACCAACGCAAGGAGCTATACATTTGATCCCGTACCAAGGTAAGTATGATGGGATGTGG
 GCAAAATTAAGTCCACAAAAGCTCCCAAGCTTAAAGGACTAGTAAATTTACAGTCAAGGAGACCCCAAGCC
 AGAAGAGAACCCAAACCTCAACATACAGTTCAAGATCCAGCAGCTTGCTATTTACAGGCTTAAAAGTGAAC
 CGCTTGGACATGTATGGTGAGAAGTATAAGCCATTTAAAGGAGTCAAATATGTCACAAAGGCTGGGAAGT
 TCCAAGTGAGGACATGAGAAGAGGCCAAACTTGCTCAAGATCAGTTTGTGTTTTTCAAGTGTGATTGCAAT
 TTATTACTATTAGGTACCAAGTGGGTGGGAATAATATACAGCATTGTGTCAAGTACCCTGCTAACAAA
 GTTGTCTAGTAATTGATGTAGGGTCTTACGGAGCTTAAAGCTAAGGAAAGTTTTCTAAAGACTTAGCTT
 ATTTTGTATCTTTTCACTTAGGAAAAGTTTAGATGATTTCTTCCATGGGGCTACCAGTGAATGCTGC
 ACATTCTAACAGTCAAAGCAGAAGGCTACAGTGATATACTCTCTCTAAAGCAAGCCAACTGGTCTCATC
 TACCAGCAGGAACTGTCTCAGTCTGTGATGTGTCAGGTGAGCCAAAGTGTACACCTTCTGATCTTAGCC
 ATCTCAGTGTCTGCCAAGAGAGGAGATTGCCCAACCCAAAGTTTACAGAAAAGTGCCTCTTCAAG
 TGTTTTGCCTTACTCAGCTTTTCACTTGTGCCATTAAGCAAGCACTGTAGCAAAAGCCACTCCACATGGC
 CCTGGCAGGGAGCACTACAGCTCCGTGCTCCATTCTCACTGTACTTGGTATTATTTTTTATAAATAAG
 ATTTTTATGTAAGCTCAGATTTGATTTACAAGGACCTGTGTCAGTAAATATCCATCAATCTTGTGC
 CACTAGTTCAGCTGTTAAGATAGCACAGTCAATTTGCATCAAAAGGGCAAATACTTTATTAAGACA
 ACGAAAGGGAACACTACTTCTGTTGTTAGCGAGTTACTGCAGGCACAGCTGTTTGTGCTTTTAAACAAAT
 TAAAGTAGTAAAAGAGAAAATCAAGCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_018829

Insert Size: 1257 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.

RefSeq: [BC024595](#), [AAH24595](#)

RefSeq Size: 2157 bp

RefSeq ORF: 1257 bp

Locus ID: 55946

UniProt ID: [Q9JKC8](#)

Cytogenetics: 14 11.58 cM

Gene Summary: Part of the AP-3 complex, an adaptor-related complex which is not clathrin-associated. The complex is associated with the Golgi region as well as more peripheral structures. It facilitates the budding of vesicles from the Golgi membrane and may be directly involved in trafficking to lysosomes. In concert with the BLOC-1 complex, AP-3 is required to target cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals.
[UniProtKB/Swiss-Prot Function]