

Product datasheet for MC215697

Ap2m1 (NM_009679) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ap2m1 (NM_009679) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ap2m1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215697 representing NM_009679
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATCGGAGGCTTATTCATCTATAATCACAAGGGGGAGGTGCTTATCTCCCGGCTACAGAGATGACA
TCGGGAGGAATGCTGTGGATGCCTTTCGGGTCAATGTCATTTCATGCACGGCAGGTGCGCAGCCCTGT
CACAAACATCGCTCGCACCAGCTTCTTCCATGTTAAGCGGTCCAACATCTGGCTGGCCGAGTCACCAAG
CAGAATGTCAATGCTGCCATGGTCTTCAATTCCTCTACAAGATGTGTGATGTAATGGCTGCTTACTTTG
GCAAAATCAGCGAGGAGAACATCAAGAACAATTTGTGCTCATATACGAGCTGCTGGATGAGATTCTGGA
CTTTGGCTACCCACAGAACTCAGAGACAGGTGCACTGAAAACCTTCATCACCAGCAGGGTATCAAGAGT
CAGCATCAGACGAAGGAAGAACAGTCCCAGATCACCAGCCAGGTGACCGGCAGATTGGCTGGCGCGAG
AAGGCATCAAGTATCGCCGGAATGAACTTCTAGATGTTCTGGAGAGTGTGAACCTGCTTATGTCCC
ACAGGGGAGGTGCTGAGTGCCCATGTGTGAGCCGGTGGTGTGAAGAGTTACCTGAGTGGCATGCCT
GAGTGCAAGTTTGAATGAATGACAAGATTGTCATAGAAAAGCAGGGCAAAGGCACAGCTGATGAAACAA
GCAAGAGTGGTAAGCAGTCGATCGCCATTGATGACTGCACCTTCCACCAGTGTGTGCGACTCAGCAAGT
TGAATCTGAGCGGAGCATCAGCTTCACTCCCGACGGAGAGTTTGAATCATGAGATACCGTACTACC
AAGGACATCATCCTTCTTCCGGGTGATCCCATTGGTGCAGGAGGTGGGCGCACCAAACTGGAGGTCA
AGGTGGTCAAGTCCAACCTCAAGCCCTCACTTCTGGCCAGAAAGATTGAGGTGAGGATCCCGACTCC
ATTGAACACAAGCGGGTACAGGTGATCTGCATGAAGGGGAAGGCCAAGTACAAGGCCAGCGAGAACGCC
ATTGTATGGAAGTCAAGCGCATGGCAGGCATGAAGGAATCCCAGATCAGCGCAGAGATTGAGCTCCTGC
CCACCAACGATAAGAAGAAATGGGCTCGGCCCCCATTTCCATGAACTTTGAGGTGCCATTTCGCGCCTTC
TGGCCTCAAGGTGCGCTACTTGAAGTATTGAAACCGAGCTGAACTACAGCGACCATGATGTCATCAA
TGGGTGCGATACATTGGCCGAGTGGCATTATGAAACCGCTGC

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



ACCN:	NM_009679
Insert Size:	1308 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:	<ol style="list-style-type: none">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:	NM_009679.3 , NP_033809.1
RefSeq Size:	2937 bp
RefSeq ORF:	1308 bp
Locus ID:	11773
UniProt ID:	P84091
Cytogenetics:	16 A3
Gene Summary:	<p>This gene encodes the mu subunit of the clathrin adaptor protein complex AP-2. It mediates sorting of cargo proteins harboring Y-X-X-Phi motifs into clathrin-coated vesicles. Alternate splicing of this gene results in multiple transcript variants. Pseudogenes of this gene are found on chromosomes 2, 8 and 19. [provided by RefSeq, Dec 2014]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>