

## Product datasheet for **MC205653**

### Ap1m2 (NM\_009678) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ap1m2 (NM_009678) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ap1m2
Synonyms:	D9Ert818e; mu1B; [m]1B
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC003704

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CCCACGCGTCCGCGGACTGCCACCATGTGGCCTCGGCAGTCTTCATTCTGGACGCTCAAGGGAAGCCTC
TGATTAGCCGAACTACAAAGGTGATGTGCCCATGACAGAGATTGACCACTTCATGCCGCTGCTTATGCA
CGGTGAGGAGGAGGGCGTCTGGCCCCGCTGCTGAGCCACGGCCGAGTGCACTTCTGTGGATCAAACAC
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AGACTGTGGAGGTCTTCTGCGAGTACTTTAAGGAGCTGGAGGAGGAGAGCATCCGGGACAACCTTCGTCAT
CGTGTACGAGCTGCTGGATGAGCTCATGGACTTCGGCTTCCGACAGACCAGACAGCAAGATCCTGCAG
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CGGTGTCGTGGCCTCTGAGGGCATTAAAGTACAAAAGAATGAGGTCTTCATTGATGTCATTGAGTCTGT
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GCAAGAACAAGTCTGTGGAAGTGAAGATGTGAAATCCACCAATGTGTGAGGCTTTCACGCTTTGACAA
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GTCAAACCCCTGATCTGGATCGAGTCAGTCATTGAGAAATTCGACACAGCCGAGTGGAGATCATGGTGA
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AAACTGAGGAGGTAGAGGGCCGACCACCATCGGGGTCAAGTTTGAGATTCCATACTTTACCGTTTCTGG
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GGTTTCTTTGTGTCCCACCCTAATTTTATATGAAGAAATATAAGAGGGCCTGAACTCTGCTGCCCGCCC
GCCCCCATGAGTGCCTTCTGAGTAACTGCCTTGGGCAGATCTAGGGCCACCTTTTATAGCTGCTG
AGCCGAGGCCACTGGTCTCCATCTGGGTTTTAGGGTGCATTAATAATGAATCTAACAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAA

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<b>Restriction Sites:</b>	EcoRI-NotI
<b>ACCN:</b>	NM_009678
<b>Insert Size:</b>	1272 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC003704</a> , <a href="#">AAH03704</a>
<b>RefSeq Size:</b>	1701 bp
<b>RefSeq ORF:</b>	1272 bp
<b>Locus ID:</b>	11768
<b>UniProt ID:</b>	<a href="#">Q9WVP1</a>
<b>Cytogenetics:</b>	9 7.76 cM
<b>Gene Summary:</b>	<p>Subunit of clathrin-associated adaptor protein complex 1 that plays a role in protein sorting in the trans-Golgi network (TGN) and endosomes. The AP complexes mediate the recruitment of clathrin to membranes and the recognition of sorting signals within the cytosolic tails of transmembrane cargo molecules.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) uses a different splice site in the CDS, compared to variant 1. The resulting protein (isoform 2) is shorter by 2 aa when it is compared to isoform 1.</p>