

## Product datasheet for RN211074

### Ap3m1 (NM\_133593) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ap3m1 (NM_133593) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ap3m1
Synonyms:	P47a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211074 representing NM_133593 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGATCCACAGTCTATTTCTCATCAACTGTTCTGGCGACATATTTCTAGAAAAACTGGAAGAGCGTTG  
TAAGCCAATCTGTGTGACTATTTCTTTGAAGCTCAGGAGAAAGCTGCTGATGTTGAAATGTACCACC  
TGTCATTTCAACACCTCACCACCTACCTCATTAGTATCTACCGGGATAAGCTCTTCTTTGTGTCTGTGATA  
CAGACTGAAGTGCCACCTCTCTTTGTAATTGAGTTTCTGCATCGAGTTGCTGACACTTTTCAGGACTACT  
TTGGTGAGTGTTCAAGGCTGCAATTAAGGATAATGTGGTCATAGTGTATGAGCTCTTGGAGAAATGTT  
AGACAATGGATTCCCACTGGCTACCGAATCTAACATTCTGAAAGAACTGATTAACCACCAACAATTCTA  
CGTTCTGTGTCGAATTCTATTACAGGCAGTAGTAATGTTGGGACACGCTCCCACTGGGCAGCTGTCCA  
ACATCCCGTGGCGTCGAGCAGGTGTAAGTACACCAACAATGAAGCCTACTTTGATGTAGTCGAAGAGAT  
AGATGCGATTATAGATAAATCAGGATCTACAGTCTTTCAGAAATTAAGGTGTCATTGATGCTTGCAAT  
AAGCTGTCTGGAATGCCTGATCTCTCTCTCTTTCATGAACCAAGGCTCTAGATGATGTCAGCTTCC  
ACCCATGCATCCGGTTCAAACGCTGGAACTCTGAGAGAGTTTTGTCATTCTCCCTCCCGAAATTT  
CCGACTCATATCATACCGCTCAGCTCACAAAATCTAGTGGCAATCCAGTGTATGTGAAACATAAATTC  
AGCTTTAAGGAAAACAGCTCTTGTGGTAGATTTGATATAACAATGGACAAAACAGAATATGGGAAAAA  
CGATTGAAGGAATCACAGTGACTGTTACATGCCAAAAGTTGTGCTGAATATGAACCTGACACCAACACA  
AGGCAGCTATACATTCGATCCAGTCACCAAGGTAAGTACTAGCATGGGATGTGGGGAAAATTAAGTCCACAAAAG  
CTCCCAAGTCTTAAGGACTGGTAAATTTACAGTCAGGAGCACCAAGCCAGAAGAGAACCCAAACCTCA  
ACATACAGTTCAAGATCCAGCAGCTTGCTATTTACAGGCTTAAAAGTGAACCGCTTGGACATGTATGGTGA  
GAAGTATAAGCCATTTAAAGGAGTCAAGTATATCACAAAGCCGAAAGTTCCAAGTGAGGACATGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_133593
<b>Insert Size:</b>	1257 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>	<u><a href="#">NM_133593.2</a></u> , <u><a href="#">NP_598277.2</a></u>
<b>RefSeq Size:</b>	3184 bp
<b>RefSeq ORF:</b>	1257 bp
<b>Locus ID:</b>	171126
<b>Cytogenetics:</b>	15p16
<b>Gene Summary:</b>	may act as an adaptor complex subunit; may play a role in intracellular transport [RGD, Feb 2006]