

## Product datasheet for **RR202432**

### Ap3m2 (NM\_133305) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ap3m2 (NM_133305) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ap3m2
Synonyms:	MGC93230
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR202432 representing NM_133305 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATTACAGTCTTTTCTTGATCAACTCTGCTGGGGATATTTCTGGAGAAGCACTGGAAAAGCGTGG  
TCAGCCGCTCTGTTTGCATTACTTTTTCGAGGCCAAGAGAGAGCTACGGAGGCTGAAAATGTGCCTCC  
CGTCATCCCACACCTCACCCTACCTTCTGAGCGTTTACGGCACAAGATCTTCTTTGTGGCTGTGATC  
CAGACGGAGGTCCCGCCTCTGTTTGTCAATTCTTCCCGAGTAGTGGACACATTTAGGACTATT  
TCGGGGTCTGCTCTGAGCCAGTGATCAAAGACAACGTGGTGGTGGTCTACGAGGTGTTGGAAGAGATGCT  
GGACAATGGGTTCCCTTGGCTACGGAGTGAACATCCTCAAGGAGCTGATAAAGCCTCCCACATTCTC  
CGGACAGTAGTCAACACCATCACAGGAAGCAACATGTGGGCGACCGACTTCCAAGTGGGAGCTGTGCG  
TGGTGCCTTGGGACGGACTGGGGTGAATATACCAACAACGAGGCTATTTTCGACGTGGTTGAAGAGAT  
AGACGCCATCATTGACAAATCAGGTTCCACAGTACCCTGAGATCCAAGGGGTGATTGATGCCTGTGTT  
AAACTGACCGGGATGCCAGATCTCAGCTGTCTTCAAGACCCAGGTTGCTGGATGATGTTAGCTTCC  
ACCCCTGTGTCGTTTCAAGCGCTGGGAATCTGAGCGCATCCTCTCCTTCACTCCCTGACGGCAACT  
CCGCCTGCTCTCTACCAGTCACTGACAGAACCTAGTTGCCATTCCAGTCTATGTCAAACACAGCATC  
AGCTTCCGGGACAGTGGCTCACTTGGACGCTTTGAAATCACAGTGGGGCCGAAGCAGACCATGGGGAAGA  
CCATAGAGGGTGTGACTGTAACAGCCAGATGCCAAAGGAGTCTTGAACATGAGCCTCACTCCATCCCA  
GGGGACACACAGTGTGACCCGGTGACAAAGATGCTGTCTTGGGATGTAGGAAAAATAAACCCGAAAAAG  
CTGCCAAGTTTGAAGGGGACAATGGGTCTCCAGGTCGGAGCTTCTAAACCCGATGAGAACCCTACAATTA  
ACCTTCAGTTCAAGATCCAGCAGCTGGCATTCTGGACTCAAAGTGAACCGTCTGGATATGTACGGAGA  
GAAGTACAAGCCCTTAAGGGCATAAAATACATGACCAAAGCCGCAAGTCCAAGTCCGAACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>ORF Size:</b>	1254 bp
<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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="#">NM_133305.2</a> , <a href="#">NP_579839.1</a>
<b>RefSeq Size:</b>	1584 bp
<b>RefSeq ORF:</b>	1257 bp
<b>Locus ID:</b>	140667
<b>UniProt ID:</b>	<a href="#">P53678</a>
<b>Cytogenetics:</b>	16q12.5
<b>MW:</b>	46.9 kDa
<b>Gene Summary:</b>	may form a subunit of a clathrin-associated adaptor complex; may play a role in receptor mediated intracellular transport or synaptic vesicle organization [RGD, Feb 2006]