

## Product datasheet for **RR211074**

### Ap3m1 (NM\_133593) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ap3m1 (NM_133593) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ap3m1
Synonyms:	P47a
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR211074 representing NM_133593 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATCCACAGTCTATTTCTCATCAACTGTTCTGGCGACATATTTCTAGAAAAACTGGAAGAGCGTTG  
TAAGCCAATCTGTGTGACTATTTCTTTGAAGCTCAGGAGAAAGCTGCTGATGTTGAAATGTACCACC  
TGTCATTTCAACACCTCACCACCTACCTCATTAGTATCTACGGGATAAGCTCTTCTTTGTGTCTGTGATA  
CAGACTGAAGTGCCACCTCTCTTTGTAATTGAGTTTCTGCATCGAGTTGCTGACACTTTTCAGGACTACT  
TTGGTGAGTGTTCAAGGCTGCAATTAAGGATAATGTGGTCATAGTGTATGAGCTCTTGGAGAAATGTT  
AGACAATGGATTCCCACTGGCTACCGAATCTAACATTCTGAAAGAACTGATTAACCACCAACAATTCTA  
CGTTCTGTGTCGAATTCTATTACAGGCAGTAGTAATGTTGGGGACACGCTCCCACTGGGCAGCTGTCCA  
ACATCCCGTGGCGTCGAGCAGGTGTAAGTACACCAACAATGAAGCCTACTTTGATGTAGTCGAAGAGAT  
AGATGCGATTATAGATAAATCAGGATCTACAGTCTTGCAGAAATCAAGGTGTCATTGATGCTTGCAAT  
AAGCTGTCTGGAATGCCTGATCTCTCTCTCTTTCATGAACCAAGGCTCTAGATGATGTCAGCTTCC  
ACCCATGCATCCGGTTCAAACGCTGGGAATCTGAGAGAGTTTTGTCATTTCCTCCCGGATAATTT  
CCGACTCATATCATACCGCTCAGCTCACAAAATCTAGTGGCAATCCAGTGTATGTGAAACATAAATATC  
AGCTTTAAGGAAAACAGCTCTTGTGGTAGATTTGATATAACAATGGACAAAACAGAATATGGGAAAAA  
CGATTGAAGGAATCACAGTGACTGTTACATGCCAAAAGTTGTGCTGAATATGAACCTGACACCAACACA  
AGGCAGCTATACATTCGATCCAGTCACCAAGGTAAGTACTAGCATGGGATGTGGGGAAAATTAATCCACAAAAG  
CTCCCAAGTCTTAAGGACTGGTAAATTTACAGTCAGGAGCACCAAGCCAGAAGAGAACCCAAACCTCA  
ACATACAGTTCAAGATCCAGCAGCTTGCTATTTACAGGCTTAAAAGTGAACCGCTTGGACATGTATGGTGA  
GAAGTATAAGCCATTTAAAGGAGTCAAGTATATCACAAAGCCGAAAGTTCCAAGTGAGGACA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
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_133593.2</a> , <a href="#">NP_598277.2</a>
<b>RefSeq Size:</b>	3184 bp
<b>RefSeq ORF:</b>	1257 bp
<b>Locus ID:</b>	171126
<b>Cytogenetics:</b>	15p16
<b>MW:</b>	47 kDa
<b>Gene Summary:</b>	may act as an adaptor complex subunit; may play a role in intracellular transport [RGD, Feb 2006]