

Product datasheet for RN202432

Ap3m2 (NM_133305) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap3m2 (NM_133305) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ap3m2
Synonyms:	MGC93230
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN202432 representing NM_133305 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGATTACAGTCTTTTCTTGATCAACTCTGCTGGGGATATTTCTGGAGAAGCACTGGAAAAGCGTGG
TCAGCCGCTCTGTTTGCATTACTTTTTCGAGGCCAAGAGAGAGCTACGGAGGCTGAAAATGTGCCTCC
CGTCATCCCACACCTCACCCTACCTTCTGAGCGTTTACGGCACAAGATCTTCTTTGTGGCTGTGATC
CAGACGGAGGTCCCGCCTCTGTTTGTATTGAATTCCTTACCGAGTAGTGGACACATTTAGGACTATT
TCGGGGTCTGCTCTGAGCCAGTGATCAAAGACAACGTGGTGGTGGTCTACGAGGTGTTGGAAGAGATGCT
GGACAATGGGTTCCCTTGGCTACGGAGTCGAACATCCTCAAGGAGCTGATAAAGCCTCCCACCATTCTC
CGGACAGTAGTCAACACCATCACAGGAAGCACCAATGTGGGCGACCAGCTTCCAAGTGGGAGCTGTGCG
TGGTGCCTTGGGACGGACTGGGGTAAATATACCAACAACGAGGCTATTTTCGACGTGGTTGAAGAGAT
AGACGCCATCATTGACAAATCAGGTTCCACAGTCACCGCTGAGATCCAAGGGGTGATTGATGCCTGTGTT
AAACTGACCGGGATGCCAGATCTCAGCTGTCTTTCATGAACCCAGGTTGCTGGATGATGTTAGCTTCC
ACCCCTGTGTCGTTTCAAGCGCTGGGAATCTGAGCGCATCCTCTCCTTCCATCCCTCTGACGGCAACT
CCGCCTGCTCTCTACCAGTCACTGACAGAACCTAGTTGCCATTCCAGTCTATGTCAAACACAGCATC
AGCTTCCGGGACAGTGGCTCACTTGGACGCTTTGAAATCACAGTGGGGCCGAAGCAGACCATGGGAAGA
CCATAGAGGGTGTGACTGTAACCAGCCAGATGCCAAAGGAGTCTTGAACATGAGCCTCACTCCATCCCA
GGGGACACACGTTTACCCGGTGACAAAGATGCTGTCTTGGGATGTAGGAAAAATAAACCCGCAAAAG
CTGCCAAGTTTGAAGGGGACAATGGGTCTCCAGGTCGGAGCTTCTAAACCCGATGAGAACCCTACAATTA
ACCTTCAGTTCAAGATCCAGCAGCTGGCATTCTGGACTCAAAGTGAACCGTCTGGATATGTACGGAGA
GAAGTACAAGCCCTTAAGGGCATAAAATACATGACCAAAGCCGCAAGTCCAAGTCCGAACCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_133305
Insert Size:	1257 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:	<u>NM_133305.2</u> , <u>NP_579839.1</u>
RefSeq Size:	1584 bp
RefSeq ORF:	1257 bp
Locus ID:	140667
UniProt ID:	<u>P53678</u>
Cytogenetics:	16q12.5
Gene Summary:	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]