

Product datasheet for RN212640

Ap2m1 (NM_053837) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ap2m1 (NM_053837) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ap2m1
Synonyms:	Ap50; Clapm1; mu2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN212640 representing NM_053837 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATCGGAGGCTTATTCATCTATAATCACAAGGGGGAGGTGCTTATCTCCCGAGTCTACAGAGATGACA
TCGGGAGGAATGCAGTGGATGCCTTTCGCGTCAATGTCATTACGCACGGCAGCAGGTGCGCAGCCCTGT
CACAAACATCGCTCGCACCAGCTTCTTCCATGTTAAGCGGTCCAACATCTGGCTGGCAGCAGTACCAAG
CAGAATGTCAATGCCGCCATGGTCTTCAATTCCTCTACAAGATGTGTGATGTAATGGCTGCTTACTTTG
GCAAGATCAGCGAGGAGAACATCAAGAACAATTCGTCGCTCATATACGAGCTGCTGGACGAGATTCTGGA
CTTTGGCTACCCACAGAACTCAGAGACAGGTGCACTGAAAACCTTCATCACCCAACAGGGTATCAAGAGT
CAGCATCAGACAAAAGAAGAGCAGTCCCAGATCACCGCCAGGTGACCGGCAAATTTGGCTGGAGGCGGG
AAGGCATCAAGTATCGTCGGAATGAACTCTTCTAGATGTTCTGGAGAGTGTGAACCTGCTTATGTCCCC
ACAGGGGCAGGTGCTGAGTGCCCATGTGTGGGCCGGGTGGTGTGAAGAGTTACCTGAGCGGCATGCCT
GAGTGCAAGTTTGAATGAATGACAAGATTGTCATAGAAAAGCAGGGCAAAGGCACAGCCGATGAAACAA
GCAAGAGTGGTAAGCAGTCGATCGCCATTGATGACTGCACCTTTCACCAGTGTGTGCGACTCAGCAAGT
TGAATCTGAGCGGAGCATCAGCTTATCCCTCCTGATGGAGAGTTTGAACATCATGAGATACCGTACTACC
AAGGACATCATCCTGCCTTTCGCGGTGATCCCATTGGTGCAGGAGGTGGGACGCACCAAACTGGAGGTCA
AGGTGGTCAAGTCCAACCTTCAAGCCCTCACTTCTGGCCAGAAGATTGAGGTGAGGATCCCAACCCC
ATTGAACACAAGCGGGTGAAGTATCTGCATGAAGGGGAAGCCAAAGTACAAGCCAGCGAGAACGCC
ATTGTATGGAAGATCAAGCGCATGGCAGGCATGAAGGAATCACAGATCAGCGCAGAGATTGAGCTCTGC
CCACCAATGATAAGAAGAAATGGCTCGGCCCCCATTTCCATGAACTTTGAGGTGCCATTTGCGCCTTC
TGGCCTCAAGGTGCGCTACTTGAAGTATTTGAGCCGAAGCTGAACTACAGCGACCACGATGTCATCAA
TGGGTGCGCTACATTGGCCGAAGTGGCATTACGAAACCCGCTGC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053837
Insert Size:	1308 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_053837.1</u> , <u>NP_446289.1</u>
RefSeq Size:	1816 bp
RefSeq ORF:	1308 bp
Locus ID:	116563
UniProt ID:	<u>P84092</u>
Cytogenetics:	11q23
Gene Summary:	encodes the mu subunit of the heterotetrameric coat assembly protein complex 2 (AP2); associated with clathrin-coated vesicles and may be important for intracellular trafficking [RGD, Feb 2006]