

## Product datasheet for **SC206644**

### AP2M1 (NM\_001025205) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** AP2M1 (NM\_001025205) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** AP2M1  
**Synonyms:** AP50; CLAPM1; MRD60; mu2  
**ACCN:** NM\_001025205  
**Insert Size:** 505 bp  
**Insert Sequence:** >SC206644 3'UTR clone of NM\_001025205  
The sequence shown below is from the reference sequence of NM\_001025205. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CGCAGTGGCATTATGAAACTCGCTGCTAGCTGCCACTAGGCAGCTAGCCCACCTCCCCAGCCACCCTC
CTCCACAGGTCCAGGTGCCGCTCCCTCCCCACCACACATCAGTGTCTCCTCCCTCTGCTTTGCTGCC
TTCCCTTTGCACCAGCCGAGTCTAGGTCTGGGCCAAGCACATTACAAGTGGACCGGTGGAGCAGCCC
CTGGGCTCCCTGGGCAGGGGAGTTCTGAGGCTCCTGCTCTCCCATCCACCTGTCTGTCTGCTGCTAATG
CCAGGCTCTGAGTTCTGTGACCAAAGCCAGGTGGGTTCCCTTTCCCTCCACCCCTGTGGCCACAGCTC
TGGAGTGGGAGGGTTGGTTGCCCTCACCTCAGAGCTCCCCAAAGGCCAGTAATGGATCCCCGGCTC
AGTCCCTACTCTGCTTTGGGATAGTGTGAGCTTCATTTGTACACGTGTGACTTCGTCCAGTTACAAAC
CCAATAAACTCTGTAGAGTGA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** SgfI-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_001025205.2](#)



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**Summary:** This gene encodes a subunit of the heterotetrameric coat assembly protein complex 2 (AP2), which belongs to the adaptor complexes medium subunits family. The encoded protein is required for the activity of a vacuolar ATPase, which is responsible for proton pumping occurring in the acidification of endosomes and lysosomes. The encoded protein may also play an important role in regulating the intracellular trafficking and function of CTLA-4 protein. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2015]

**Locus ID:** 1173

**MW:** 18.1