

## Product datasheet for **RC201377L4V**

### AP2M1 (NM\_001025205) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	AP2M1 (NM_001025205) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AP2M1
Synonyms:	AP50; CLAPM1; MRD60; mu2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001025205
ORF Size:	1305 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201377).
OTI Disclaimer:	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>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	<a href="#">NM_001025205.1</a> , <a href="#">NP_001020376.1</a>
RefSeq Size:	1952 bp
RefSeq ORF:	1302 bp
Locus ID:	1173
UniProt ID:	<a href="#">Q96CW1</a>
Cytogenetics:	3q27.1
Protein Families:	Druggable Genome
Protein Pathways:	Endocytosis, Huntington's disease



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**MW:** 49.2 kDa

**Gene 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]