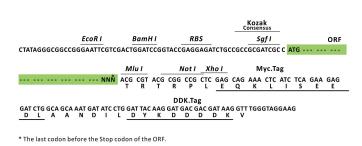


# Product datasheet for MR206741L3

## Ap1m1 (NM\_007456) Mouse Tagged Lenti ORF Clone

### **Product data:**

#### **Product Type: Expression Plasmids Product Name:** Ap1m1 (NM 007456) Mouse Tagged Lenti ORF Clone Tag: Myc-DDK Symbol: Ap1m1 AA408894; Adtm; Adtm1A; AP; AP47; Clt; Cltnm; mu1; mu1A; [m]1 Synonyms: **Mammalian Cell** Puromycin Selection: Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092) E. coli Selection: Chloramphenicol (34 ug/mL) The ORF insert of this clone is exactly the same as(MR206741). **ORF** Nucleotide Sequence: **Restriction Sites:** Sgfl-Mlul **Cloning Scheme:** Cloning sites used for ORF Shuttling: ORF Sqf I Mlu I



--- GCG ATC GC C ATG --- //--- NNN ACG CGT ---

ACCN: ORF Size: NM\_007456 1269 bp

### OriGene Technologies, Inc.

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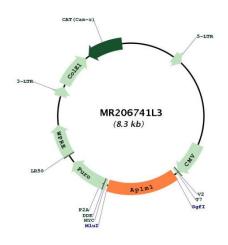


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<b>GRIGENE</b> Ap1m1 (NM_007456) Mouse Tagged Lenti ORF Clone – MR206741L3	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same 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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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>
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM 007456.1</u>
RefSeq Size:	1964 bp
RefSeq ORF:	1272 bp
Locus ID:	11767
UniProt ID:	<u>P35585</u>
Cytogenetics:	8 34.92 cM
Gene Summary:	This gene encodes the mu-1 subunit of the scaffolding adapter protein complex AP-1 and is a member of the mu adaptin family. The AP-1 complex, which consists of 4 subunits (mu-adaptin, beta-prime adaptin, gamma-adaptin, and the small chain adaptin), is one of the predominant coat proteins of membrane vesicles involved in eukaryotic post-Golgi trafficking. The AP-1 complex is located at the Golgi vesicle and links clathrin to receptors in coated vesicles. These vesicles are involved in endocytosis and Golgi processing. AP-1 complex subunit mu-1 and other mu-adaptins select cargo proteins bearing sequence-specific sorting motifs. [provided by RefSeq, Jul 2016]

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## **Product images:**



Circular map for MR206741L3

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