

Product datasheet for RC205800L4

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AP4M1 (NM_004722) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: AP4M1 (NM_004722) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: AP4M1

Synonyms: CPSQ3; MU-4; MU-ARP2; SPG50

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

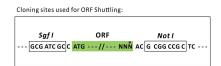
The ORF insert of this clone is exactly the same as(RC205800). **ORF Nucleotide**

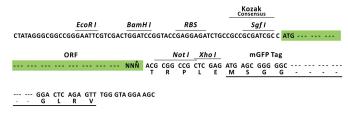
Sequence:

Restriction Sites:

Sgfl-Notl

Cloning Scheme:



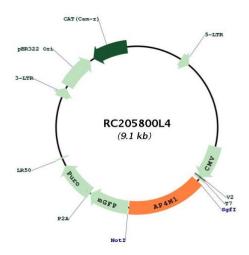


^{*} The last codon before the Stop codon of the ORF.





Plasmid Map:



ACCN: NM_004722 **ORF Size:** 1359 bp

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. More info

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: 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 004722.2</u>

RefSeq Size: 1886 bp RefSeq ORF: 1362 bp



AP4M1 (NM_004722) Human Tagged Lenti ORF Clone - RC205800L4

 Locus ID:
 9179

 UniProt ID:
 000189

 Cytogenetics:
 7q22.1

Domains: Adap_comp_sub

Protein Pathways: Lysosome MW: 50 kDa

Gene Summary: This gene encodes a subunit of the heterotetrameric AP-4 complex. The encoded protein

belongs to the adaptor complexes medium subunits family. This AP-4 complex is involved in the recognition and sorting of cargo proteins with tyrosine-based motifs from the trans-golgi

network to the endosomal-lysosomal system. [provided by RefSeq, Jul 2008]