

Product datasheet for RC217959L1

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

OriGene Technologies, Inc.

MAP6 (NM_033063) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MAP6 (NM_033063) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: MAP6

Synonyms: MAP6-N; MTAP6; N-STOP; STOP

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC217959).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_033063

ORF Size: 2439 bp



MAP6 (NM_033063) Human Tagged Lenti ORF Clone - RC217959L1

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: NM 033063.1, NP 149052.1

RefSeq Size: 2666 bp RefSeq ORF: 2442 bp Locus ID: 4135

UniProt ID: Q96JE9

Cytogenetics: 11q13.5 **MW:** 86.3 kDa

10100.5 KDa

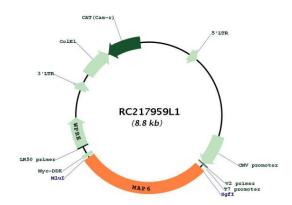
Gene Summary: This gene encodes a microtubule-associated protein. The encoded protein is a calmodulin-

binding and calmodulin-regulated protein that is involved in microtubule stabilization. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by

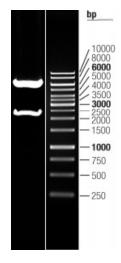
RefSeq, Jul 2008]



Product images:



Circular map for RC217959L1



Double digestion of RC217959L1 using Sgfl and Mlul $\,$