

Product datasheet for RC217448L2

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.

MAP4K3 (NM_003618) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MAP4K3 (NM 003618) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: MAP4K3

Synonyms: GLK; MAPKKKK3; MEKKK 3; MEKKK3; RAB8IPL1

Mammalian Cell None

Selection:

Vector:pLenti-C-mGFP (PS100071)E. coli Selection:Chloramphenicol (34 ug/mL)

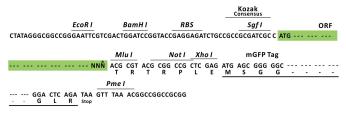
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC217448).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_003618

ORF Size: 2682 bp



MAP4K3 (NM_003618) Human Tagged Lenti ORF Clone - RC217448L2

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 003618.2</u>

RefSeq Size:4141 bpRefSeq ORF:2685 bpLocus ID:8491

UniProt ID: Q8IVH8
Cytogenetics: 2p22.1

Domains: pkinase, CNH, TyrKc, S TKc

Protein Families: Druggable Genome, Protein Kinase

Protein Pathways: MAPK signaling pathway

MW: 101.1 kDa

Gene Summary: This gene encodes a member of the mitogen-activated protein kinase kinase kinase kinase

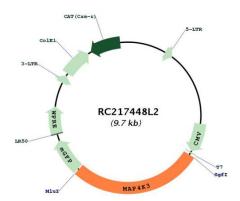
family. The encoded protein activates key effectors in cell signalling, among them c-Jun.

Alternatively spliced transcripts encoding multiple isoforms have been observed for this gene.

[provided by RefSeq, Jul 2012]



Product images:



Circular map for RC217448L2