

## Product datasheet for RC207414L4V

## OriGene Technologies, Inc.

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

## MAPK4 (NM\_002747) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

**Product Type:** Lentiviral Particles

Product Name: MAPK4 (NM 002747) Human Tagged ORF Clone Lentiviral Particle

Symbol: MAPK4

Synonyms: ERK-4; ERK4; p63-MAPK; p63MAPK; PRKM4

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

**ACCN:** NM\_002747 **ORF Size:** 1761 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC207414).

OTI Disclaimer:

Sequence:

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.

**RefSeg:** NM 002747.3, NP 002738.2

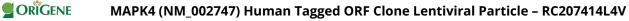
RefSeq Size: 4736 bp
RefSeq ORF: 1764 bp
Locus ID: 5596
UniProt ID: P31152

**Cytogenetics:** 18q21.1-q21.2

**Domains:** pkinase, TyrKc, S\_TKc

**Protein Families:** Druggable Genome, Protein Kinase





**MW:** 66 kDa

**Gene Summary:** Mitogen-activated protein kinase 4 is a member of the mitogen-activated protein kinase

family. Tyrosine kinase growth factor receptors activate mitogen-activated protein kinases which then translocate into the nucleus and phosphorylate nuclear targets. Alternative

splicing results in multiple transcript variants. [provided by RefSeq, May 2014]