

Product datasheet for **RC218669L4V**

MAP3K10 (NM_002446) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MAP3K10 (NM_002446) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MAP3K10
Synonyms:	MEKK10; MLK2; MST
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_002446
ORF Size:	2862 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218669).
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.
RefSeq:	NM_002446.3
RefSeq Size:	3453 bp
RefSeq ORF:	2865 bp
Locus ID:	4294
UniProt ID:	Q02779
Cytogenetics:	19q13.2
Protein Families:	Druggable Genome, Protein Kinase
MW:	104.1 kDa



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Gene Summary:

The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase has been shown to activate MAPK8/JNK and MKK4/SEK1, and this kinase itself can be phosphorylated, and thus activated by JNK kinases. This kinase functions preferentially on the JNK signaling pathway, and is reported to be involved in nerve growth factor (NGF) induced neuronal apoptosis. [provided by RefSeq, Jul 2008]