

Product datasheet for **RC220337L4V**

MAP3K13 (NM_004721) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MAP3K13 (NM_004721) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MAP3K13
Synonyms:	LZK; MEKK13; MLK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004721
ORF Size:	2898 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220337).
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_004721.3
RefSeq Size:	3568 bp
RefSeq ORF:	2901 bp
Locus ID:	9175
UniProt ID:	O43283
Cytogenetics:	3q27.2
Domains:	pkinese, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase, Transcription Factors



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Protein Pathways: MAPK signaling pathway

MW: 108.1 kDa

Gene Summary: The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase contains a dual leucine-zipper motif, and has been shown to form dimers/oligomers through its leucine-zipper motif. This kinase can phosphorylate and activate MAPK8/JNK, MAP2K7/MKK7, which suggests a role in the JNK signaling pathway. [provided by RefSeq, Jul 2008]