

## Product datasheet for **MR225898L3V**

### Map2k3 (NM\_008928) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Map2k3 (NM_008928) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Map2k3
Synonyms:	AW212142; MEK3; MKK3; mMKK3b; Prkmk3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_008928
ORF Size:	1041 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225898).
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. <a href="#">More info</a>
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:	<a href="#">NM_008928.4</a>
RefSeq Size:	2166 bp
RefSeq ORF:	1044 bp
Locus ID:	26397
UniProt ID:	<a href="#">O09110</a>
Cytogenetics:	11 B2



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**Gene Summary:**

Dual specificity kinase. Is activated by cytokines and environmental stress in vivo. Catalyzes the concomitant phosphorylation of a threonine and a tyrosine residue in the MAP kinase p38. Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14.[UniProtKB/Swiss-Prot Function]