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Product datasheet for RC223988L3V

MEKK2 (MAP3K2) (NM_006609) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MEKK2 (MAP3K2) (NM_006609) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MEKK2
Synonyms:	MEKK2; MEKK2B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006609
ORF Size:	1857 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC223988).`
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_006609.2
RefSeq Size:	3336 bp
RefSeq ORF:	1860 bp
Locus ID:	10746
UniProt ID:	Q9Y2U5
Cytogenetics:	2q14.3
Domains:	PB1, pkinase, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase

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Protein Pathways: Gap junction, GnRH signaling pathway, MAPK signaling pathway

MW: 69.6 kDa

Gene Summary: The protein encoded by this gene is a member of serine/threonine protein kinase family. This kinase preferentially activates other kinases involved in the MAP kinase signaling pathway. This kinase has been shown to directly phosphorylate and activate Ikappa B kinases, and thus plays a role in NF-kappa B signaling pathway. This kinase has also been found to bind and activate protein kinase C-related kinase 2, which suggests its involvement in a regulated signaling process. [provided by RefSeq, Jul 2008]