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Product datasheet for RC203782L2V

MLK3 (MAP3K11) (NM_002419) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MLK3 (MAP3K11) (NM_002419) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MLK3
Synonyms:	MEKK11; MLK-3; MLK3; PTK1; SPRK
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002419
ORF Size:	2541 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203782).
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_002419.3
RefSeq Size:	3574 bp
RefSeq ORF:	2544 bp
Locus ID:	4296
UniProt ID:	Q16584
Cytogenetics:	11q13.1
Domains:	pkinase, TyrKc, SH3, S_TKc
Protein Families:	Druggable Genome, Protein Kinase

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Protein Pathways: MAPK signaling pathway

MW: 92.5 kDa

Gene Summary: The protein encoded by this gene is a member of the serine/threonine kinase family. This kinase contains a SH3 domain and a leucine zipper-basic motif. This kinase preferentially activates MAPK8/JNK kinase, and functions as a positive regulator of JNK signaling pathway. This kinase can directly phosphorylate, and activates IkappaB kinase alpha and beta, and is found to be involved in the transcription activity of NF-kappaB mediated by Rho family GTPases and CDC42. [provided by RefSeq, Jul 2008]