

Product datasheet for **MR217292L4V**

Map4k1 (NM_008279) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Map4k1 (NM_008279) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Map4k1
Synonyms:	Hpk1; mHPK1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008279
ORF Size:	2481 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217292).
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_008279.2 , NP_032305.2
RefSeq Size:	2699 bp
RefSeq ORF:	2484 bp
Locus ID:	26411
UniProt ID:	P70218
Cytogenetics:	7 B1



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Gene Summary:

Serine/threonine-protein kinase, which may play a role in the response to environmental stress. Appears to act upstream of the JUN N-terminal pathway. May play a role in hematopoietic lineage decisions and growth regulation. Able to autophosphorylate. [UniProtKB/Swiss-Prot Function]