

Product datasheet for **MR217856L4V**

Map3k12 (NM_001163643) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Map3k12 (NM_001163643) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Map3k12
Synonyms:	DLK; MUK; Zpk
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001163643
ORF Size:	2664 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR217856).
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_001163643.1 , NP_001157115.1
RefSeq Size:	5528 bp
RefSeq ORF:	2667 bp
Locus ID:	26404
UniProt ID:	Q60700
Cytogenetics:	15 F3



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Gene Summary:

Protein kinase which is part of a non-canonical MAPK signaling pathway (PubMed:7983011, PubMed:8663324, PubMed:28111074). Activated by APOE, enhances the AP-1-mediated transcription of APP, via a MAP kinase signal transduction pathway composed of MAP2K7 and MAPK1/ERK2 and MAPK3/ERK1 (PubMed:28111074). May be an activator of the JNK/SAPK pathway.[UniProtKB/Swiss-Prot Function]