

Product datasheet for **MR210730L4V**

Map3k20 (NM_023057) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Map3k20 (NM_023057) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Map3k20
Synonyms:	AV006891; B230120H23Rik; MLTK; MLTKalpha; MLTKbeta; Zak
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_023057
ORF Size:	2409 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210730).
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_023057.5 , NP_075544.1
RefSeq Size:	3365 bp
RefSeq ORF:	2409 bp
Locus ID:	65964
UniProt ID:	Q9ESL4
Cytogenetics:	2 C3



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Gene Summary:

Stress-activated component of a protein kinase signal transduction cascade. Regulates the JNK and p38 pathways (PubMed:11042189). Part of a signaling cascade that begins with the activation of the adrenergic receptor ADRA1B and leads to the activation of MAPK14 (By similarity). Pro-apoptotic. Role in regulation of S and G2 cell cycle checkpoint by direct phosphorylation of CHEK2 (By similarity). Involved in limb development (PubMed:26755636). [UniProtKB/Swiss-Prot Function]