

Product datasheet for **RC215163L3V**

MAP4K4 (NM_145686) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | MAP4K4 (NM_145686) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | MAP4K4 |
| Synonyms: | FLH21957; HEL-S-31; HGK; MEKKK4; NIK |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_145686 |
| ORF Size: | 3960 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC215163). |
| 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_145686.2 , NP_663719.1 |
| RefSeq Size: | 7495 bp |
| RefSeq ORF: | 3822 bp |
| Locus ID: | 9448 |
| UniProt ID: | O95819 |
| Cytogenetics: | 2q11.2 |
| Domains: | pkinase, CNH, TyrKc, S_TKc |
| Protein Families: | Druggable Genome, Protein Kinase |



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Protein Pathways: MAPK signaling pathway

MW: 150.8 kDa

Gene Summary: The protein encoded by this gene is a member of the serine/threonine protein kinase family. This kinase has been shown to specifically activate MAPK8/JNK. The activation of MAPK8 by this kinase is found to be inhibited by the dominant-negative mutants of MAP3K7/TAK1, MAP2K4/MKK4, and MAP2K7/MKK7, which suggests that this kinase may function through the MAP3K7-MAP2K4-MAP2K7 kinase cascade, and mediate the TNF-alpha signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]