

## Product datasheet for **RC220698L3V**

### MAP4K1 (NM\_007181) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | MAP4K1 (NM_007181) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | MAP4K1   |
| Synonyms:                 | HPK1   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_007181  |
| ORF Size:                 | 2499 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC220698).   |
| 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. <a href="#">More info</a> |
| 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:                   | <a href="#">NM_007181.3</a>  |
| RefSeq Size:              | 2732 bp  |
| RefSeq ORF:               | 2502 bp  |
| Locus ID:                 | 11184  |
| UniProt ID:               | <a href="#">Q92918</a>   |
| Cytogenetics:             | 19q13.2  |
| Domains:                  | pkinese, CNH, TyrKc, S_TKc   |
| Protein Families:         | Druggable Genome, Protein Kinase   |



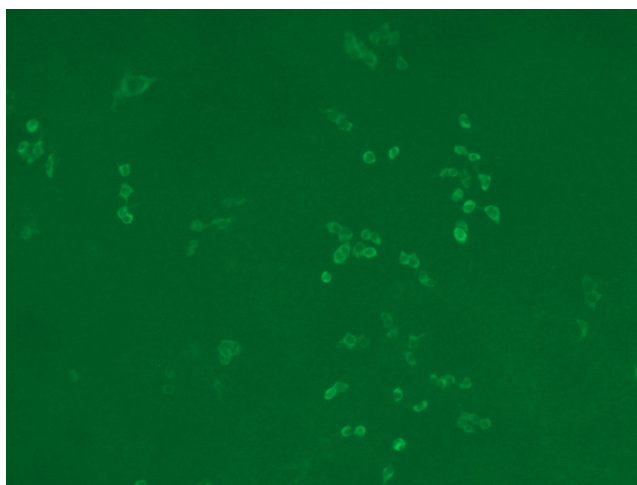
[View online »](#)

**Protein Pathways:** MAPK signaling pathway

**MW:** 91.1 kDa

**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]

### Product images:



[RC220698L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC220698L3V particle to overexpress human MAP4K1-Myc-DDK fusion protein.