

## Product datasheet for **MR214539L3V**

### Map3k13 (NM\_172821) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Map3k13 (NM_172821) Mouse Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Map3k13  |
| Synonyms:                 | C130026N12Rik; LZK   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_172821  |
| ORF Size:                 | 2877 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR214539).   |
| 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_172821.3</a> , <a href="#">NP_766409.2</a>  |
| RefSeq Size:              | 6709 bp  |
| RefSeq ORF:               | 2880 bp  |
| Locus ID:                 | 71751  |
| UniProt ID:               | <a href="#">Q1HKZ5</a>   |
| Cytogenetics:             | 16 B1  |



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**Gene Summary:**

Activates the JUN N-terminal pathway through activation of the MAP kinase kinase MAP2K7. Acts synergistically with PRDX3 to regulate the activation of NF-kappa-B in the cytosol. This activation is kinase-dependent and involves activating the IKK complex, the IKBKB-containing complex that phosphorylates inhibitors of NF-kappa-B (By similarity).[UniProtKB/Swiss-Prot Function]