

## Product datasheet for **MR225807L4V**

### Efemp1 (NM\_146015) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Efemp1 (NM_146015) Mouse Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Efemp1   |
| Synonyms:                 | MGC37612   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_146015  |
| ORF Size:                 | 1479 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR225807).   |
| 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_146015.2</a> , <a href="#">NP_666127.2</a>  |
| RefSeq Size:              | 2036 bp  |
| RefSeq ORF:               | 1482 bp  |
| Locus ID:                 | 216616   |
| UniProt ID:               | <a href="#">Q8BPP5</a>   |
| Cytogenetics:             | 11 A3.3  |



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**Gene Summary:**

Binds EGFR, the EGF receptor, inducing EGFR autophosphorylation and the activation of downstream signaling pathways. May play a role in cell adhesion and migration. May function as a negative regulator of chondrocyte differentiation. In the olfactory epithelium, it may regulate glial cell migration, differentiation and the ability of glial cells to support neuronal neurite outgrowth (By similarity).[UniProtKB/Swiss-Prot Function]