

## Product datasheet for **MR217188L4V**

### **Eml1 (NM\_001043335) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Eml1 (NM_001043335) Mouse Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Eml1   |
| Synonyms:                 | 1110008N23Rik; A930030P13Rik; AA171013; AI847476; AI853955; ELP79; EMAP; EMAPL; heco   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_001043335   |
| ORF Size:                 | 2445 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR217188).   |
| 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_001043335.1</a> , <a href="#">NP_001036800.1</a>  |
| RefSeq Size:              | 4160 bp  |
| RefSeq ORF:               | 2445 bp  |
| Locus ID:                 | 68519  |
| UniProt ID:               | <a href="#">Q05BC3</a>   |
| Cytogenetics:             | 12 59.46 cM  |



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**Gene Summary:**

Modulates the assembly and organization of the microtubule cytoskeleton, and probably plays a role in regulating the orientation of the mitotic spindle and the orientation of the plane of cell division. Required for normal proliferation of neuronal progenitor cells in the developing brain and for normal brain development. Does not affect neuron migration per se.[UniProtKB/Swiss-Prot Function]