

## Product datasheet for **MR218693L4V**

### Eif4b (NM\_145625) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Eif4b (NM_145625) Mouse Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | Eif4b  |
| Synonyms:                 | 2310046H11Rik; AL024095; C85189; Eif4a2  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_145625  |
| ORF Size:                 | 1833 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR218693).   |
| 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_145625.3</a> , <a href="#">NP_663600.2</a>  |
| RefSeq Size:              | 3871 bp  |
| RefSeq ORF:               | 1836 bp  |
| Locus ID:                 | 75705  |
| UniProt ID:               | <a href="#">Q8BGD9</a>   |
| Cytogenetics:             | 15 F2  |



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**Gene Summary:**

Required for the binding of mRNA to ribosomes. Functions in close association with EIF4-F and EIF4-A. Binds near the 5'-terminal cap of mRNA in presence of EIF-4F and ATP. Promotes the ATPase activity and the ATP-dependent RNA unwinding activity of both EIF4-A and EIF4-F (By similarity).[UniProtKB/Swiss-Prot Function]