

## Product datasheet for **RC212420L3V**

### EEF2 (NM\_001961) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | EEF2 (NM_001961) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | EEF2   |
| Synonyms:                 | EEF-2; EF-2; EF2; SCA26  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_001961  |
| ORF Size:                 | 2574 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC212420).   |
| 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_001961.2</a> , <a href="#">NP_001952.1</a>  |
| RefSeq Size:              | 3148 bp  |
| RefSeq ORF:               | 2577 bp  |
| Locus ID:                 | 1938   |
| UniProt ID:               | <a href="#">P13639</a>   |
| Cytogenetics:             | 19p13.3  |
| Domains:                  | EFG_C, GTP_EFTU, GTP_EFTU_D2, EFG_IV   |
| MW:                       | 95.2 kDa   |



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**Gene Summary:**

This gene encodes a member of the GTP-binding translation elongation factor family. This protein is an essential factor for protein synthesis. It promotes the GTP-dependent translocation of the nascent protein chain from the A-site to the P-site of the ribosome. This protein is completely inactivated by EF-2 kinase phosphorylation. [provided by RefSeq, Jul 2008]