

## Product datasheet for **RC212420L1V**

### 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:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
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]