

## Product datasheet for **RC229015L4V**

### EIF4ENIF1 (NM\_001164502) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	EIF4ENIF1 (NM_001164502) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EIF4ENIF1
Synonyms:	4E-T; Clast4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001164502
ORF Size:	2433 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC229015).
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_001164502.1</a> , <a href="#">NP_001157974.1</a>
RefSeq ORF:	2436 bp
Locus ID:	56478
UniProt ID:	<a href="#">Q9NRA8</a>
Cytogenetics:	22q12.2
MW:	88 kDa



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**Gene Summary:**

The protein encoded by this gene is a nucleocytoplasmic shuttle protein for the translation initiation factor eIF4E. This shuttle protein interacts with the importin alpha-beta complex to mediate nuclear import of eIF4E. It is predominantly cytoplasmic; its own nuclear import is regulated by a nuclear localization signal and nuclear export signals. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2009]