

## Product datasheet for **RC219823L4V**

### EIF4E1B (NM\_001099408) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	EIF4E1B (NM_001099408) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EIF4E1B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001099408
ORF Size:	726 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC219823).
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_001099408.1</a>
RefSeq Size:	1974 bp
RefSeq ORF:	729 bp
Locus ID:	253314
UniProt ID:	<a href="#">A6NMX2</a>
Cytogenetics:	5q35.2
Protein Pathways:	Insulin signaling pathway, mTOR signaling pathway
MW:	27.4 kDa



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**Gene Summary:**

Recognizes and binds the 7-methylguanosine-containing mRNA cap during an early step in the initiation of protein synthesis and facilitates ribosome binding by inducing the unwinding of the mRNAs secondary structure.[UniProtKB/Swiss-Prot Function]