

## Product datasheet for **RC208664L3V**

### EIF4EBP2 (NM\_004096) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	EIF4EBP2 (NM_004096) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EIF4EBP2
Synonyms:	4EBP2; PHASII
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004096
ORF Size:	360 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC208664).
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_004096.3</a>
RefSeq Size:	7531 bp
RefSeq ORF:	363 bp
Locus ID:	1979
UniProt ID:	<a href="#">Q13542</a>
Cytogenetics:	10q22.1
Protein Families:	Transcription Factors
MW:	12.9 kDa



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**Gene Summary:**

This gene encodes a member of the eukaryotic translation initiation factor 4E binding protein family. The gene products of this family bind eIF4E and inhibit translation initiation. However, insulin and other growth factors can release this inhibition via a phosphorylation-dependent disruption of their binding to eIF4E. Regulation of protein production through these gene products have been implicated in cell proliferation, cell differentiation and viral infection. [provided by RefSeq, Oct 2008]