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Product datasheet for RC230898L2V

eIF4GII (EIF4G3) (NM_001198802) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	eIF4GII (EIF4G3) (NM_001198802) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EIF4G3
Synonyms:	eIF-4G 3; eIF4G 3; eIF4GII
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001198802
ORF Size:	4773 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230898).
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. More info
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:	NM_001198802.1, NP_001185731.1
RefSeq ORF:	4776 bp
Locus ID:	8672
UniProt ID:	O43432
Cytogenetics:	1p36.12
Protein Families:	Transcription Factors
Protein Pathways:	Viral myocarditis
MW:	177.7 kDa

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Gene Summary: The protein encoded by this gene is thought to be part of the eIF4F protein complex, which is involved in mRNA cap recognition and transport of mRNAs to the ribosome. Interestingly, a microRNA (miR-520c-3p) has been found that negatively regulates synthesis of the encoded protein, and this leads to a global decrease in protein translation and cell proliferation. Therefore, this protein is a key component of the anti-tumor activity of miR-520c-3p. [provided by RefSeq, May 2016]

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