

Product datasheet for **RC226043L4V**

EIF2AK1 (NM_001134335) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EIF2AK1 (NM_001134335) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EIF2AK1
Synonyms:	HCR; hHRI; HRI; LEMSPAD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001134335
ORF Size:	1887 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226043).
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_001134335.1 , NP_001127807.1
RefSeq Size:	4462 bp
RefSeq ORF:	1890 bp
Locus ID:	27102
UniProt ID:	Q9BQI3
Cytogenetics:	7p22.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	71 kDa



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Gene Summary:

The protein encoded by this gene acts at the level of translation initiation to downregulate protein synthesis in response to stress. The encoded protein is a kinase that can be inactivated by hemin. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]