

Product datasheet for **RC210716L4V**

EEF1A2 (NM_001958) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EEF1A2 (NM_001958) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EEF1A2
Synonyms:	DEE33; EEF1A1; EF-1-alpha-2; EF1A; EIEE33; HS1; MRD38; STN; STNL
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001958
ORF Size:	1389 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210716).
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_001958.2
RefSeq Size:	1841 bp
RefSeq ORF:	1392 bp
Locus ID:	1917
UniProt ID:	Q05639
Cytogenetics:	20q13.33
Domains:	GTP_EFTU, GTP_EFTU_D3, GTP_EFTU_D2
Protein Families:	Druggable Genome



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MW: 50.3 kDa

Gene Summary: This gene encodes an isoform of the alpha subunit of the elongation factor-1 complex, which is responsible for the enzymatic delivery of aminoacyl tRNAs to the ribosome. This isoform (alpha 2) is expressed in brain, heart and skeletal muscle, and the other isoform (alpha 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas. This gene may be critical in the development of ovarian cancer. [provided by RefSeq, Mar 2014]