

Product datasheet for **RC209697L4V**

EEF1A1 (NM_001402) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	EEF1A1 (NM_001402) Human Tagged ORF Clone Lentiviral Particle
Symbol:	EEF1A1
Synonyms:	CCS-3; CCS3; EE1A1; EEF-1; EEF1A; eEF1A-1; EF-Tu; EF1A; GRAF-1EF; LENG7; PTI1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001402
ORF Size:	1386 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209697).
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_001402.5
RefSeq Size:	3528 bp
RefSeq ORF:	1389 bp
Locus ID:	1915
UniProt ID:	P68104
Cytogenetics:	6q13
Domains:	GTP_EFTU, GTP_EFTU_D3, GTP_EFTU_D2
Protein Families:	Druggable Genome



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MW: 50.1 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 1) is expressed in brain, placenta, lung, liver, kidney, and pancreas, and the other isoform (alpha 2) is expressed in brain, heart and skeletal muscle. This isoform is identified as an autoantigen in 66% of patients with Felty syndrome. This gene has been found to have multiple copies on many chromosomes, some of which, if not all, represent different pseudogenes. [provided by RefSeq, Jul 2008]