

Product datasheet for **MR207381L4V**

Eef1a1 (NM_010106) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Eef1a1 (NM_010106) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Eef1a1
Synonyms:	MGC7551; MGC8115; MGC8209; MGC18758; MGC27859; MGC102592; MGC103271; MGC118397
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_010106
ORF Size:	1389 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR207381).
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_010106.2 , NP_034236.2
RefSeq Size:	1790 bp
RefSeq ORF:	1389 bp
Locus ID:	13627
UniProt ID:	P10126
Cytogenetics:	9 E1



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Gene Summary:

This protein promotes the GTP-dependent binding of aminoacyl-tRNA to the A-site of ribosomes during protein biosynthesis. With PARP1 and TXK, forms a complex that acts as a T helper 1 (Th1) cell-specific transcription factor and binds the promoter of IFN-gamma to directly regulate its transcription, and is thus involved importantly in Th1 cytokine production. [UniProtKB/Swiss-Prot Function]