

Product datasheet for RR205058L4

Eef1a1 (NM_175838) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Eef1a1 (NM_175838) Rat Tagged Lenti ORF Clone

Tag: mGFP Symbol: Eef1a1

Synonyms: EEF-1; EEF1A; Eef1a2; Eef1a2l1; EF1A; SI

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RR205058).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.



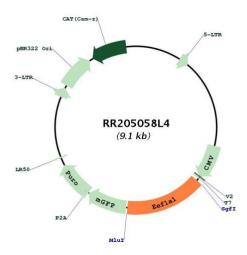
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Plasmid Map:



ACCN: NM_175838

ORF Size: 1386 bp

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. <u>More info</u>

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression

varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 175838.1, NP 787032.1</u>

RefSeq Size: 1737 bp RefSeq ORF: 1389 bp



Eef1a1 (NM_175838) Rat Tagged Lenti ORF Clone - RR205058L4

 Locus ID:
 171361

 UniProt ID:
 P62630

 Cytogenetics:
 8q31

Gene Summary: member of the EF-1 alpha family that tethers aminoacyl-tRNA to the ribosome during peptide

synthesis [RGD, Feb 2006]