

Product datasheet for RC215396L3

EEA1 (NM_003566) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: EEA1 (NM_003566) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: EEA1

MST105; MSTP105; ZFYVE2 Synonyms:

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

The ORF insert of this clone is exactly the same as(RC215396). **ORF Nucleotide**

Sequence:

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_003566

ORF Size: 4233 bp



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EEA1 (NM_003566) Human Tagged Lenti ORF Clone - RC215396L3

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.

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 003566.2</u>

RefSeq Size: 4874 bp
RefSeq ORF: 4236 bp
Locus ID: 8411

UniProt ID: Q15075

Cytogenetics: 12q22

Domains: FYVE, M, zf-C2H2

Protein Pathways: Endocytosis

MW: 162.3 kDa

Gene Summary: Binds phospholipid vesicles containing phosphatidylinositol 3-phosphate and participates in

endosomal trafficking.[UniProtKB/Swiss-Prot Function]