

Product datasheet for RC216473L3

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

MAEA (NM_005882) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MAEA (NM_005882) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: MAEA

EMLP; EMP; GID9; HLC-10; P44EMLP; PIG5 Synonyms:

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide

Sequence:

The ORF insert of this clone is exactly the same as(RC216473).

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_005882

ORF Size: 1065 bp





MAEA (NM_005882) Human Tagged Lenti ORF Clone - RC216473L3

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.

LisH, CTLH

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 005882.2</u>

 RefSeq Size:
 1983 bp

 RefSeq ORF:
 1068 bp

 Locus ID:
 10296

 UniProt ID:
 Q7L5Y9

Cytogenetics: 4p16.3

Domains:

Protein Families: Druggable Genome

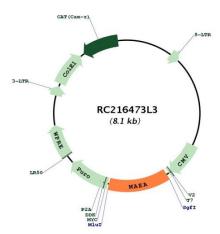
MW: 40.2 kDa

Gene Summary: This gene encodes a protein that mediates the attachment of erythroblasts to macrophages.

This attachment promotes terminal maturation and enucleation of erythroblasts, presumably by suppressing apoptosis. The encoded protein is an integral membrane protein with the N-terminus on the extracellular side and the C-terminus on the cytoplasmic side of the cell. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]



Product images:



Circular map for RC216473L3