

Product datasheet for RC208984L3

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PELP1 (NM_014389) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: PELP1 (NM_014389) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: PELP1

Synonyms: MNAR; P160 **Mammalian Cell**

Selection:

Puromycin

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(RC208984).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_014389

ORF Size: 3390 bp





OTI Disclaimer:

Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at customercom or by calling 301.340.3188 option 3 for pricing and delivery.

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:

Cytogenetics:

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: NM 014389.2

 RefSeq Size:
 3688 bp

 RefSeq ORF:
 3393 bp

 Locus ID:
 27043

 UniProt ID:
 Q8IZL8

Protein Families: Druggable Genome, Stem cell - Pluripotency

17p13.2

MW: 120.1 kDa

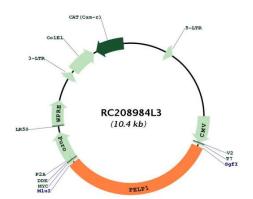
Gene Summary: This gene encodes a transcription factor which coactivates transcription of estrogen receptor

responsive genes and corepresses genes activated by other hormone receptors or sequencespecific transcription factors. Expression of this gene is regulated by both members of the estrogen receptor family. This gene may be involved in the progression of several types of cancer. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May

2013]



Product images:



Circular map for RC208984L3