

Product datasheet for RC209809L2

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OriGene Technologies, Inc.

LARP7 (NM_016648) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: LARP7 (NM_016648) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: LARP7

Synonyms: ALAZS; HDCMA18P; hLARP7; PIP7S

Mammalian Cell None

Selection:

Vector:pLenti-C-mGFP (PS100071)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC209809).

Sequence:

equence: Restriction Sites: Sgfl-Mlul

Restriction Sites: Cloning Scheme:





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

ACCN: NM_016648

ORF Size: 1746 bp





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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 016648.2</u>

 RefSeq Size:
 2292 bp

 RefSeq ORF:
 1749 bp

 Locus ID:
 51574

 UniProt ID:
 Q4G0|3

Cytogenetics: 4q25

MW: 66.9 kDa

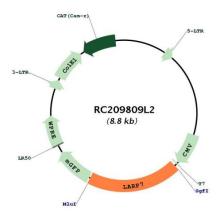
Gene Summary: This gene encodes a protein which is found in the 7SK snRNP (small nuclear

ribonucleoprotein). This snRNP complex inhibits a cyclin-dependent kinase, positive transcription elongation factor b, which is required for paused RNA polymerase II at a promoter to begin transcription elongation. A pseudogene of this gene is located on chromosome 3. Alternative splicing results in multiple transcript variants. [provided by

RefSeq, May 2012]



Product images:



Circular map for RC209809L2