

Product datasheet for RC206634L4

OriGene Technologies, Inc.

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C1ORF190 (LURAP1) (NM_001013615) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: C1ORF190 (LURAP1) (NM_001013615) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: C1ORF190

Synonyms: C1orf190; LRAP35a; LRP35A

Mammalian Cell Puromycin

Selection:

Vector:

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

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

ORF Nucleotide The ORF insert of

Sequence:

The ORF insert of this clone is exactly the same as(RC206634).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001013615

ORF Size: 717 bp





C10RF190 (LURAP1) (NM_001013615) Human Tagged Lenti ORF Clone - RC206634L4

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 001013615.1</u>

RefSeq Size: 1863 bp
RefSeq ORF: 720 bp
Locus ID: 541468
UniProt ID: Q96LR2
Cytogenetics: 1p34.1

MW: 25.8 kDa

Gene Summary: Acts as an activator of the canonical NF-kappa-B pathway and drive the production of

proinflammatory cytokines. Promotes the antigen (Ag)-presenting and priming function of dendritic cells via the canonical NF-kappa-B pathway (PubMed:21048106). In concert with MYO18A and CDC42BPA/CDC42BPB, is involved in modulating lamellar actomyosin

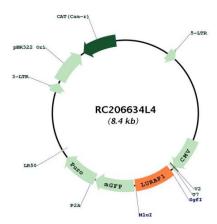
retrograde flow that is crucial to cell protrusion and migration. Activates

CDC42BPA/CDC42BPB and targets it to actomyosin through its interaction with MYO18A, leading to MYL9/MLC2 phosphorylation and MYH9/MYH10-dependent actomyosin assembly

in the lamella (By similarity).[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC206634L4