

Product datasheet for RC226522L4

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

LRRFIP1 (NM_001137551) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: LRRFIP1 (NM_001137551) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: LRRFIP1

Synonyms: FLAP-1; FLAP1; FLIIAP1; GCF-2; GCF2; HUFI-1; TRIP

Mammalian Cell Puromycin

Selection:

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

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC226522).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001137551

ORF Size: 1182 bp





LRRFIP1 (NM_001137551) Human Tagged Lenti ORF Clone - RC226522L4

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 001137551.1, NP 001131023.1</u>

RefSeq ORF: 1185 bp Locus ID: 9208 Cytogenetics: 2q37.3

Protein Families: Transcription Factors

MW: 44.7 kDa

Gene Summary: Transcriptional repressor which preferentially binds to the GC-rich consensus sequence (5'-

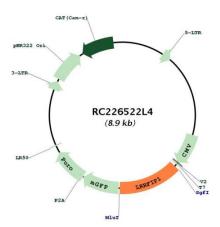
AGCCCCGGCG-3') and may regulate expression of TNF, EGFR and PDGFA. May control smooth muscle cells proliferation following artery injury through PDGFA repression. May also bind double-stranded RNA. Positively regulates Toll-like receptor (TLR) signaling in response

to agonist probably by competing with the negative FLII regulator for MYD88-binding.

[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC226522L4