

# Product datasheet for RC205493L4

### OriGene Technologies, Inc.

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## LRRN5 (LRRN2) (NM\_201630) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

Product Name: LRRN5 (LRRN2) (NM\_201630) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: LRRN5

Synonyms: FIGLER7; GAC1; LRANK1; LRRN5

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(RC205493).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF

**ACCN:** NM\_201630

ORF Size: 2139 bp





## LRRN5 (LRRN2) (NM\_201630) Human Tagged Lenti ORF Clone - RC205493L4

**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 201630.1</u>, <u>NP 963924.1</u>

 RefSeq Size:
 3207 bp

 RefSeq ORF:
 2142 bp

 Locus ID:
 10446

 UniProt ID:
 075325

 Cytogenetics:
 1q32.1

**Protein Families:** Druggable Genome, Transmembrane

**MW:** 78.9 kDa

**Gene Summary:** The protein encoded by this gene belongs to the leucine-rich repeat superfamily. This gene

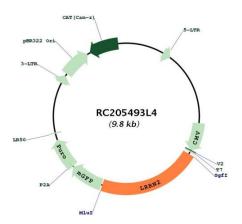
was found to be amplified and overexpressed in malignant gliomas. The encoded protein has homology with other proteins that function as cell-adhesion molecules or as signal

transduction receptors and is a candidate for the target gene in the 1q32.1 amplicon in malignant gliomas. Two alternatively spliced transcript variants encoding the same protein

have been described for this gene. [provided by RefSeq, Jul 2008]



# **Product images:**



Circular map for RC205493L4