

Product datasheet for RC216196L4

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OriGene Technologies, Inc.

LRRC2 (NM_024512) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: LRRC2 (NM_024512) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: LRRC2

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 clo

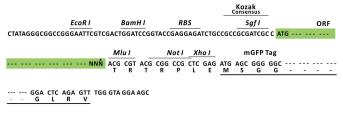
Sequence:

The ORF insert of this clone is exactly the same as(RC216196).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





* The last codon before the Stop codon of the ORF.

ACCN: NM_024512 **ORF Size:** 1113 bp





LRRC2 (NM_024512) Human Tagged Lenti ORF Clone - RC216196L4

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 024512.2</u>

RefSeq Size: 4860 bp
RefSeq ORF: 1116 bp
Locus ID: 79442
UniProt ID: Q9BYS8

Cytogenetics: 3p21.31

Domains: LRR, LRR_TYP, LRR_PS
Protein Families: Druggable Genome

MW: 42.8 kDa

Gene Summary: This gene encodes a member of the leucine-rich repeat-containing family of proteins, which

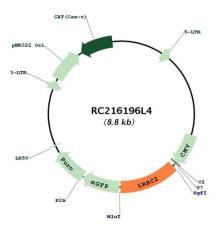
function in diverse biological pathways. This family member may possibly be a nuclear protein. Similarity to the RAS suppressor protein, as well as expression down-regulation observed in tumor cells, suggests that it may function as a tumor suppressor. The gene is located in the chromosome 3 common eliminated region 1 (C3CER1), a 1.4 Mb region that is

commonly deleted in diverse tumors. A related pseudogene has been identified on

chromosome 2. [provided by RefSeq, Sep 2011]



Product images:



Circular map for RC216196L4