

Product datasheet for RC218131L4

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OriGene Technologies, Inc.

SPON1 (NM_006108) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SPON1 (NM_006108) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: SPON1

Synonyms: f-spondin; VSGP/F-spondin

Mammalian Cell Puromycin

Selection:

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

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

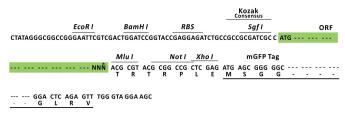
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC218131).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_006108

ORF Size: 2421 bp



SPON1 (NM_006108) Human Tagged Lenti ORF Clone - RC218131L4

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 006108.1</u>, <u>NP 006099.1</u>

RefSeq Size: 4755 bp
RefSeq ORF: 2424 bp
Locus ID: 10418
UniProt ID: Q9HCB6
Cytogenetics: 11p15.2

Domains: tsp 1, Reeler

Protein Families: Secreted Protein

MW: 90.8 kDa

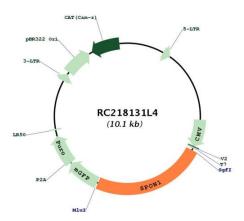
Gene Summary: Cell adhesion protein that promotes the attachment of spinal cord and sensory neuron cells

and the outgrowth of neurites in vitro. May contribute to the growth and guidance of axons in both the spinal cord and the PNS (By similarity). Major factor for vascular smooth muscle cell.

[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for RC218131L4