

Product datasheet for RC210706L4

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OriGene Technologies, Inc.

RNF130 (NM_018434) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: RNF130 (NM_018434) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: RNF130

Synonyms: G1RP; G1RZFP; GOLIATH; GP

Puromycin

Mammalian Cell

Selection:

Vector:

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

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

ORF Nucleotide The ORF insert of this cl

Sequence:

The ORF insert of this clone is exactly the same as(RC210706).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_018434

ORF Size: 1257 bp





RNF130 (NM_018434) Human Tagged Lenti ORF Clone - RC210706L4

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 018434.4</u>

 RefSeq Size:
 1865 bp

 RefSeq ORF:
 1260 bp

 Locus ID:
 55819

 UniProt ID:
 Q86XS8

 Cytogenetics:
 5q35.3

Domains: RING

Protein Families: Druggable Genome, Transmembrane

MW: 46.2 kDa

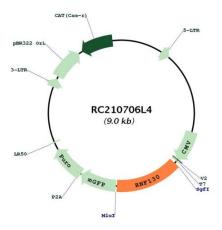
Gene Summary: The protein encoded by this gene contains a RING finger motif and is similar to g1, a

Drosophila zinc-finger protein that is expressed in mesoderm and involved in embryonic development. The expression of the mouse counterpart was found to be upregulated in myeloblastic cells following IL3 deprivation, suggesting that this gene may regulate growth factor withdrawal-induced apoptosis of myeloid precursor cells. Alternative splicing results in

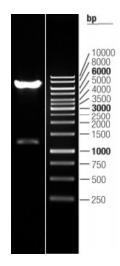
multiple transcript variants. [provided by RefSeg, Jul 2013]



Product images:



Circular map for RC210706L4



Double digestion of RC210706L4 using Sgfl and Mlul $\,$