

Product datasheet for RC211845L1

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OriGene Technologies, Inc.

NUP155 (NM_153485) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: NUP155 (NM_153485) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: NUP155

Synonyms: ATFB15; N155

Mammalian Cell None

Selection:

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC211845).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_153485

ORF Size: 4173 bp





NUP155 (NM_153485) Human Tagged Lenti ORF Clone - RC211845L1

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 153485.1</u>, <u>NP 705618.1</u>

 RefSeq Size:
 4355 bp

 RefSeq ORF:
 4176 bp

 Locus ID:
 9631

 UniProt ID:
 075694

 UniProt ID:
 O75694

 Cytogenetics:
 5p13.2

Domains: Nucleoporin

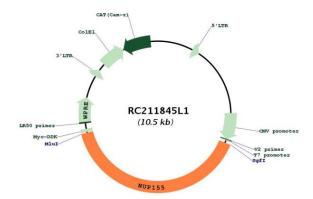
MW: 155 kDa

Gene Summary: Nucleoporins are proteins that play an important role in the assembly and functioning of the

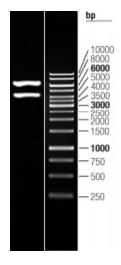
nuclear pore complex (NPC) which regulates the movement of macromolecules across the nuclear envelope (NE). The protein encoded by this gene plays a role in the fusion of NE vesicles and formation of the double membrane NE. The protein may also be involved in cardiac physiology and may be associated with the pathogenesis of atrial fibrillation. Alternative splicing results in multiple transcript variants of this gene. A pseudogene associated with this gene is located on chromosome 6. [provided by RefSeq, May 2013]



Product images:



Circular map for RC211845L1



Double digestion of RC211845L1 using Sgfl and Mlul $\,$