

Product datasheet for RC226841L3

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Ribophorin II (RPN2) (NM_001135771) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ribophorin II (RPN2) (NM_001135771) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Ribophorin II

Synonyms: RIBIIR; RPN-II; RPNII; SWP1

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

ORF Nucleotide The OR

Sequence:

The ORF insert of this clone is exactly the same as(RC226841).

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001135771

ORF Size: 1344 bp





Ribophorin II (RPN2) (NM_001135771) Human Tagged Lenti ORF Clone - RC226841L3

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 001135771.1</u>

 RefSeq ORF:
 1848 bp

 Locus ID:
 6185

 UniProt ID:
 P04844

Cytogenetics: 20q11.23

Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

MW: 49.93 kDa

Gene Summary: This gene encodes a type I integral membrane protein found only in the rough endoplasmic

reticulum. The encoded protein is part of an N-oligosaccharyl transferase complex that links high mannose oligosaccharides to asparagine residues found in the Asn-X-Ser/Thr consensus

motif of nascent polypeptide chains. This protein is similar in sequence to the yeast

oligosaccharyl transferase subunit SWP1. Alternatively spliced transcript variants encoding

different isoforms have been found for this gene. [provided by RefSeq, Oct 2008]