

Product datasheet for **RC226841L4V**

Ribophorin II (RPN2) (NM_001135771) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Ribophorin II (RPN2) (NM_001135771) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | Ribophorin II |
| Synonyms: | RIBIIR; RPN-II; RPNII; SWP1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001135771 |
| ORF Size: | 1344 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC226841). |
| 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. |
| RefSeq: | NM_001135771.1 |
| 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 |



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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]