

OriGene Technologies, Inc.

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Product datasheet for RC210930L4V

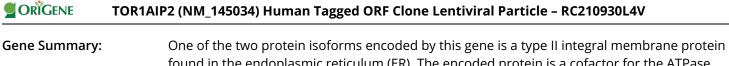
TOR1AIP2 (NM_145034) Human Tagged ORF Clone Lentiviral Particle

Product data:

| Product Type: | Lentiviral Particles |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name: | TOR1AIP2 (NM_145034) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | TOR1AIP2 |
| Synonyms: | IFRG15; LULL1; NET9 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_145034 |
| ORF Size: | 1410 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC210930). |
| 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. <u>More info</u> |
| 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: | <u>NM 145034.1</u> |
| RefSeq Size: | 7912 bp |
| RefSeq ORF: | 1413 bp |
| Locus ID: | 163590 |
| UniProt ID: | Q8NFQ8 |
| Cytogenetics: | 1q25.2 |
| Protein Families: | Transmembrane |
| MW: | 51.3 kDa |



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found in the endoplasmic reticulum (ER). The encoded protein is a cofactor for the ATPase TorsinA, regulating the amount of TorsinA present in the ER compared to that found in the nuclear envelope. Defects in this protein are a cause of early onset primary dystonia, a neuromuscular disease. The other isoform encoded by this gene is an interferon alpha responsive protein whose cellular role has yet to be determined. [provided by RefSeq, Mar 2017]

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