

Product datasheet for **RR213789L4V**

Ubxn2b (NM_001107905) Rat Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Ubxn2b (NM_001107905) Rat Tagged ORF Clone Lentiviral Particle |
| Symbol: | Ubxn2b |
| Synonyms: | RGD1308557 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001107905 |
| ORF Size: | 993 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RR213789). |
| 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_001107905.1 , NP_001101375.1 |
| RefSeq Size: | 1494 bp |
| RefSeq ORF: | 996 bp |
| Locus ID: | 312965 |
| UniProt ID: | P0C627 |
| Cytogenetics: | 5q12 |



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Gene Summary:

Adapter protein required for Golgi and endoplasmic reticulum biogenesis. Involved in Golgi and endoplasmic reticulum maintenance during interphase and in their reassembly at the end of mitosis. The complex formed with VCP has membrane fusion activity; membrane fusion activity requires USO1-GOLGA2 tethering and BET1L. VCPIP1 is also required, but not its deubiquitinating activity. Together with NSFL1C/p47, regulates the centrosomal levels of kinase AURKA/Aurora A during mitotic progression by promoting AURKA removal from centrosomes in prophase. Also, regulates spindle orientation during mitosis.
[UniProtKB/Swiss-Prot Function]