

Product datasheet for **RC200348L2V**

ROC1 (RBX1) (NM_014248) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | ROC1 (RBX1) (NM_014248) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | RBX1 |
| Synonyms: | BA554C12.1; RNF75; ROC1 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_014248 |
| ORF Size: | 324 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC200348). |
| OTI Disclaimer: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p> |
| 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_014248.2 |
| RefSeq Size: | 906 bp |
| RefSeq ORF: | 327 bp |



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| Locus ID: | 9978 |
| UniProt ID: | P62877 |
| Cytogenetics: | 22q13.2 |
| Protein Families: | Druggable Genome |
| Protein Pathways: | Cell cycle, Nucleotide excision repair, Oocyte meiosis, Pathways in cancer, Renal cell carcinoma, TGF-beta signaling pathway, Ubiquitin mediated proteolysis, Wnt signaling pathway |
| MW: | 12.3 kDa |
| Gene Summary: | This locus encodes a RING finger-like domain-containing protein. The encoded protein interacts with cullin proteins and likely plays a role in ubiquitination processes necessary for cell cycle progression. This protein may also affect protein turnover. Related pseudogenes exist on chromosomes 2 and 5.[provided by RefSeq, Sep 2010] |