**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

# Product datasheet for RC202883L4V

## Ube1L (UBA7) (NM_003335) Human Tagged ORF Clone Lentiviral Particle

### Product data:

| | |
|---|---|
| **Product Type:** | Lentiviral Particles |
| **Product Name:** | Ube1L (UBA7) (NM_003335) Human Tagged ORF Clone Lentiviral Particle |
| **Symbol:** | Ube1L |
| **Synonyms:** | D8; UBA1B; UBE1L; UBE2 |
| **Mammalian Cell Selection:** | Puromycin |
| **Vector:** | pLenti-C-mGFP-P2A-Puro (PS100093) |
| **Tag:** | mGFP |
| **ACCN:** | NM_003335 |
| **ORF Size:** | 3036 bp |
| **ORF Nucleotide Sequence:** | The ORF insert of this clone is exactly the same as(RC202883). |
| **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_003335.2 |
| **RefSeq Size:** | 3330 bp |
| **RefSeq ORF:** | 3039 bp |
| **Locus ID:** | 7318 |
| **UniProt ID:** | P41226 |
| **Cytogenetics:** | 3p21.31 |
| **Domains:** | UBACT, ThiF |
| **Protein Families:** | Druggable Genome |

View online »

**Protein Pathways:** Parkinson's disease, Ubiquitin mediated proteolysis

**MW:** 111.7 kDa

**Gene Summary:** The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, or E1s, ubiquitin-conjugating enzymes, or E2s, and ubiquitin-protein ligases, or E3s. This gene encodes a member of the E1 ubiquitin-activating enzyme family. The encoded enzyme is a retinoid target that triggers promyelocytic leukemia (PML)/retinoic acid receptor alpha (RARalpha) degradation and apoptosis in acute promyelocytic leukemia, where it is involved in the conjugation of the ubiquitin-like interferon-stimulated gene 15 protein. [provided by RefSeq, Jul 2008]