

## Product datasheet for **RC202883L3V**

### 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-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
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. <a href="#">More info</a>
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:	<a href="#">NM_003335.2</a>
RefSeq Size:	3330 bp
RefSeq ORF:	3039 bp
Locus ID:	7318
UniProt ID:	<a href="#">P41226</a>
Cytogenetics:	3p21.31
Domains:	UBACT, ThiF
Protein Families:	Druggable Genome



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**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]