

## Product datasheet for **RC214483L2V**

### UBA6 (NM\_018227) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	UBA6 (NM_018227) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UBA6
Synonyms:	E1-L2; MOP-4; UBE1L2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_018227
ORF Size:	3156 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214483).
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_018227.5</a>
RefSeq Size:	6462 bp
RefSeq ORF:	3159 bp
Locus ID:	55236
UniProt ID:	<a href="#">A0AVT1</a>
Cytogenetics:	4q13.2
Domains:	UBACT, ThiF
Protein Pathways:	Ubiquitin mediated proteolysis



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**MW:** 117.8 kDa

**Gene Summary:** Modification of proteins with ubiquitin (UBB; MIM 191339) or ubiquitin-like proteins controls many signaling networks and requires a ubiquitin-activating enzyme (E1), a ubiquitin conjugating enzyme (E2), and a ubiquitin protein ligase (E3). UBE1L2 is an E1 enzyme that initiates the activation and conjugation of ubiquitin-like proteins (Jin et al., 2007 [PubMed 17597759]).[supplied by OMIM, Mar 2008]