

## Product datasheet for **RC201159L4V**

### UBE2G1 (NM\_003342) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	UBE2G1 (NM_003342) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UBE2G1
Synonyms:	E217K; UBC7; UBE2G
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003342
ORF Size:	510 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201159).
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_003342.4</a> , <a href="#">NP_003333.1</a>
RefSeq Size:	4208 bp
RefSeq ORF:	513 bp
Locus ID:	7326
UniProt ID:	<a href="#">P62253</a>
Cytogenetics:	17p13.2
Domains:	UBCc
Protein Pathways:	Parkinson's disease, Ubiquitin mediated proteolysis



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**MW:** 19.3 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 E2 ubiquitin-conjugating enzyme family and catalyzes the covalent attachment of ubiquitin to other proteins. The protein may be involved in degradation of muscle-specific proteins. [provided by RefSeq, Jul 2008]