

## Product datasheet for **RC211036L2V**

### UBA52 (NM\_003333) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	UBA52 (NM_003333) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UBA52
Synonyms:	CEP52; HUBCEP52; L40; RPL40
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003333
ORF Size:	384 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211036).
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_003333.3</a>
RefSeq Size:	2801 bp
RefSeq ORF:	387 bp
Locus ID:	7311
UniProt ID:	<a href="#">P62987</a>
Cytogenetics:	19p13.11
Domains:	UBQ, Ribosomal_L40e
Protein Families:	Druggable Genome, Transcription Factors



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**Protein Pathways:** Ribosome

**MW:** 14.5 kDa

**Gene Summary:** Ubiquitin is a highly conserved nuclear and cytoplasmic protein that has a major role in targeting cellular proteins for degradation by the 26S proteasome. It is also involved in the maintenance of chromatin structure, the regulation of gene expression, and the stress response. Ubiquitin is synthesized as a precursor protein consisting of either polyubiquitin chains or a single ubiquitin moiety fused to an unrelated protein. This gene encodes a fusion protein consisting of ubiquitin at the N terminus and ribosomal protein L40 at the C terminus, a C-terminal extension protein (CEP). Multiple processed pseudogenes derived from this gene are present in the genome. [provided by RefSeq, Jul 2008]