

## Product datasheet for **RC222642L2V**

### USP15 (NM\_006313) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	USP15 (NM_006313) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USP15
Synonyms:	UNPH-2; UNPH4
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_006313
ORF Size:	2856 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC222642).
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_006313.1</a>
RefSeq Size:	4611 bp
RefSeq ORF:	2859 bp
Locus ID:	9958
UniProt ID:	<a href="#">Q9Y4E8</a>
Cytogenetics:	12q14.1
Domains:	UCH, DUSP
Protein Families:	Druggable Genome, Protease



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**MW:** 109.1 kDa

**Gene Summary:** This gene encodes a member of the ubiquitin specific protease (USP) family of deubiquitinating enzymes. USP enzymes play critical roles in ubiquitin-dependent processes through polyubiquitin chain disassembly and hydrolysis of ubiquitin-substrate bonds. The encoded protein associates with the COP9 signalosome, and also plays a role in transforming growth factor beta signalling through deubiquitination of receptor-activated SMAD transcription factors. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene, and a pseudogene of this gene is located on the long arm of chromosome 2. [provided by RefSeq, Nov 2011]