

## Product datasheet for **RC214190L4V**

### USP19 (NM\_006677) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	USP19 (NM_006677) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USP19
Synonyms:	ZMYND9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006677
ORF Size:	3954 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214190).
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_006677.1</a>
RefSeq Size:	4401 bp
RefSeq ORF:	3957 bp
Locus ID:	10869
UniProt ID:	<a href="#">O94966</a>
Cytogenetics:	3p21.31
Protein Families:	Druggable Genome, Protease, Transmembrane
MW:	145.5 kDa



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**Gene Summary:**

Protein ubiquitination controls many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. This dynamic process, involving ubiquitin conjugating enzymes and deubiquitinating enzymes, adds and removes ubiquitin. Deubiquitinating enzymes are cysteine proteases that specifically cleave ubiquitin from ubiquitin-conjugated protein substrates. This protein is a ubiquitin protein ligase and plays a role in muscle wasting. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2017]