

## Product datasheet for **RC200835L4V**

### USP10 (NM\_005153) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	USP10 (NM_005153) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USP10
Synonyms:	UBPO
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005153
ORF Size:	2394 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200835).
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_005153.2</a> , <a href="#">NP_005144.1</a>
RefSeq Size:	3399 bp
RefSeq ORF:	2397 bp
Locus ID:	9100
UniProt ID:	<a href="#">Q14694</a>
Cytogenetics:	16q24.1
Domains:	UCH
Protein Families:	Druggable Genome, Protease



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**MW:** 87.2 kDa

**Gene Summary:** Ubiquitin is a highly conserved protein that is covalently linked to other proteins to regulate their function and degradation. This gene encodes a member of the ubiquitin-specific protease family of cysteine proteases. The enzyme specifically cleaves ubiquitin from ubiquitin-conjugated protein substrates. The protein is found in the nucleus and cytoplasm. It functions as a co-factor of the DNA-bound androgen receptor complex, and is inhibited by a protein in the Ras-GTPase pathway. The human genome contains several pseudogenes similar to this gene. Several transcript variants, some protein-coding and others not protein-coding, have been found for this gene. [provided by RefSeq, Jan 2013]