

## Product datasheet for **RC213986L1V**

### USP7 (NM\_003470) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	USP7 (NM_003470) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USP7
Synonyms:	HAFOUS; HAUSP; TEF1
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003470
ORF Size:	3306 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC213986).
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_003470.1</a>
RefSeq Size:	4022 bp
RefSeq ORF:	3309 bp
Locus ID:	7874
UniProt ID:	<a href="#">Q93009</a>
Cytogenetics:	16p13.2
Domains:	UCH, MATH
Protein Families:	Druggable Genome, Protease



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**MW:** 128.1 kDa

**Gene Summary:** The protein encoded by this gene belongs to the peptidase C19 family, which includes ubiquitinyl hydrolases. This protein deubiquitinates target proteins such as p53 (a tumor suppressor protein) and WASH (essential for endosomal protein recycling), and regulates their activities by counteracting the opposing ubiquitin ligase activity of proteins such as HDM2 and TRIM27, involved in the respective process. Mutations in this gene have been implicated in a neurodevelopmental disorder. [provided by RefSeq, Mar 2016]