

## Product datasheet for **MR211165L4V**

### Usp4 (BC011341) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Usp4 (BC011341) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Usp4
Synonyms:	F730026I20Rik; mKIAA4155; Unp
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	BC011341
ORF Size:	2745 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211165).
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="#">BC011341</a> , <a href="#">AAH11341</a>
RefSeq Size:	3455 bp
RefSeq ORF:	2747 bp
Locus ID:	22258
Cytogenetics:	9 59.25 cM



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**Gene Summary:**

Deubiquitinating enzyme that removes conjugated ubiquitin from target proteins. Deubiquitinates PDPK1. Deubiquitinates TRIM21. Deubiquitinates receptor ADORA2A which increases the amount of functional receptor at the cell surface. May regulate mRNA splicing through deubiquitination of the U4 spliceosomal protein PRPF3. This may prevent its recognition by the U5 component PRPF8 thereby destabilizing interactions within the U4/U6.U5 snRNP. May also play a role in the regulation of quality control in the ER. [UniProtKB/Swiss-Prot Function]