

## Product datasheet for **RC217407L2V**

### **UBE4A (NM\_004788) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	UBE4A (NM_004788) Human Tagged ORF Clone Lentiviral Particle
Symbol:	UBE4A
Synonyms:	E4; UBOX2; UFD2
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_004788
ORF Size:	3219 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC217407).
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_004788.2</a>
RefSeq Size:	6138 bp
RefSeq ORF:	3222 bp
Locus ID:	9354
UniProt ID:	<a href="#">Q14139</a>
Cytogenetics:	11q23.3
Domains:	U-box
Protein Families:	Druggable Genome



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**Protein Pathways:** Ubiquitin mediated proteolysis

**MW:** 123.3 kDa

**Gene Summary:** This gene encodes a member of the U-box ubiquitin ligase family. The encoded protein is involved in multiubiquitin chain assembly and plays a critical role in chromosome condensation and separation through the polyubiquitination of securin. Autoantibodies against the encoded protein may be markers for scleroderma and Crohn's disease. A pseudogene of this gene is located on the long arm of chromosome 3. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2011]