

Product datasheet for **RC220829L4V**

USP16 (NM_001032410) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	USP16 (NM_001032410) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USP16
Synonyms:	UBP-M; UBPM
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001032410
ORF Size:	1910 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220829).
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. More info
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:	NM_001032410.1 , NP_001027582.1
RefSeq Size:	3052 bp
RefSeq ORF:	2472 bp
Locus ID:	10600
UniProt ID:	Q9Y5T5
Cytogenetics:	21q21.3
Protein Families:	Protease
MW:	93.4 kDa



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Gene Summary:

This gene encodes a deubiquitinating enzyme that is phosphorylated at the onset of mitosis and then dephosphorylated at the metaphase/anaphase transition. It can deubiquitinate H2A, one of two major ubiquitinated proteins of chromatin, in vitro and a mutant form of the protein was shown to block cell division. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]