

Product datasheet for **RC204345L4V**

USP49 (NM_018561) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	USP49 (NM_018561) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USP49
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_018561
ORF Size:	1920 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204345).
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_018561.3 , NP_061031.2
RefSeq Size:	3194 bp
RefSeq ORF:	1923 bp
Locus ID:	25862
UniProt ID:	Q70CQ1
Cytogenetics:	6p21.1
Domains:	UCH, zf-UBP
Protein Families:	Protease, Transcription Factors
MW:	73.3 kDa



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Gene Summary:

Specifically deubiquitinates histone H2B at 'Lys-120' (H2BK120Ub). H2BK120Ub is a specific tag for epigenetic transcriptional activation and acts as a regulator of mRNA splicing. Deubiquitination is required for efficient cotranscriptional splicing of a large set of exons. [UniProtKB/Swiss-Prot Function]