

Product datasheet for **RC214048L4V**

USP47 (NM_017944) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	USP47 (NM_017944) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USP47
Synonyms:	TRFP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017944
ORF Size:	3861 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214048).
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_017944.3
RefSeq Size:	7777 bp
RefSeq ORF:	3864 bp
Locus ID:	55031
UniProt ID:	Q96K76
Cytogenetics:	11p15.3
Domains:	UCH
MW:	147 kDa



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Gene Summary:

Ubiquitin-specific protease that specifically deubiquitinates monoubiquitinated DNA polymerase beta (POLB), stabilizing POLB thereby playing a role in base-excision repair (BER). Acts as a regulator of cell growth and genome integrity. May also indirectly regulate CDC25A expression at a transcriptional level.[UniProtKB/Swiss-Prot Function]