

Product datasheet for **RC215749L4V**

USP6 (NM_004505) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	USP6 (NM_004505) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USP6
Synonyms:	HRP1; Tre-2; TRE2; TRE17; TRESMCR; USP6-short
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004505
ORF Size:	4218 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC215749).
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_004505.2
RefSeq Size:	7971 bp
RefSeq ORF:	4221 bp
Locus ID:	9098
UniProt ID:	P35125
Cytogenetics:	17p13.2
Protein Families:	Druggable Genome, Protease
MW:	158.5 kDa



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Gene Summary:

Deubiquitinase with an ATP-independent isopeptidase activity, cleaving at the C-terminus of the ubiquitin moiety. Catalyzes its own deubiquitination. In vitro, isoform 2, but not isoform 3, shows deubiquitinating activity. Promotes plasma membrane localization of ARF6 and selectively regulates ARF6-dependent endocytic protein trafficking. Is able to initiate tumorigenesis by inducing the production of matrix metalloproteinases following NF-kappa-B activation.[UniProtKB/Swiss-Prot Function]