

Product datasheet for **RC226336L3V**

USP8 (NM_001128610) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	USP8 (NM_001128610) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USP8
Synonyms:	HumORF8; PITA4; SPG59; UBPY
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001128610
ORF Size:	3354 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226336).
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_001128610.1
RefSeq ORF:	3357 bp
Locus ID:	9101
UniProt ID:	P40818
Cytogenetics:	15q21.2
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Endocytosis
MW:	127.3 kDa



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Gene Summary:

This gene encodes a protein that belongs to the ubiquitin-specific processing protease family of proteins. The encoded protein is thought to regulate the morphology of the endosome by ubiquitination of proteins on this organelle and is involved in cargo sorting and membrane trafficking at the early endosome stage. This protein is required for the cell to enter the S phase of the cell cycle and also functions as a positive regulator in the Hedgehog signaling pathway in development. Pseudogenes of this gene are present on chromosomes 2 and 6. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Sep 2013]