

Product datasheet for **RC205355L4V**

USP12 (NM_182488) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	USP12 (NM_182488) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USP12
Synonyms:	UBH1; USP12L1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182488
ORF Size:	1110 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205355).
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_182488.1
RefSeq Size:	4503 bp
RefSeq ORF:	1113 bp
Locus ID:	219333
UniProt ID:	O75317
Cytogenetics:	13q12.13
Protein Families:	Druggable Genome, Protease
MW:	42.8 kDa



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Gene Summary:

Deubiquitinating enzyme. Has almost no deubiquitinating activity by itself and requires the interaction with WDR20 and WDR48 to have a high activity (PubMed:19075014, PubMed:27373336). Not involved in deubiquitination of monoubiquitinated FANCD2 (PubMed:19075014). In complex with WDR48, acts as a potential tumor suppressor by positively regulating PHLPP1 stability (PubMed:24145035).[UniProtKB/Swiss-Prot Function]