

Product datasheet for **RC206036L1V**

USPL1 (NM_005800) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	USPL1 (NM_005800) Human Tagged ORF Clone Lentiviral Particle
Symbol:	USPL1
Synonyms:	bA121O19.1; C13orf22; D13S106E
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_005800
ORF Size:	3276 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206036).
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_005800.3 , NP_005791.2
RefSeq Size:	3905 bp
RefSeq ORF:	3279 bp
Locus ID:	10208
UniProt ID:	Q5W0Q7
Cytogenetics:	13q12.3
MW:	120.4 kDa



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Gene Summary:

SUMO-specific isopeptidase involved in protein desumoylation. Specifically binds SUMO proteins with a higher affinity for SUMO2 and SUMO3 which it cleaves more efficiently. Also able to process full-length SUMO proteins to their mature forms (PubMed:22878415). Plays a key role in RNA polymerase-II-mediated snRNA transcription in the Cajal bodies (PubMed:24413172). Is a component of complexes that can bind to U snRNA genes (PubMed:24413172).[UniProtKB/Swiss-Prot Function]