

Product datasheet for RC224586L3

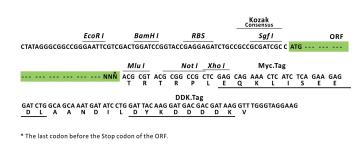
USP4 (NM_003363) Human Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Expression Plasmids
USP4 (NM_003363) Human Tagged Lenti ORF Clone
Myc-DDK
USP4
UNP; Unph
Puromycin
pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Chloramphenicol (34 ug/mL)
The ORF insert of this clone is exactly the same as(RC224586).
Sgfl-Mlul
Cloning sites used for ORF Shuttling:
Sgf I ORF Mlu I GCG ATC GC C ATG // NNN ACG CGT



ACCN: ORF Size: NM_003363 2889 bp



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ORIGENE USP4 (1	NM_003363) Human Tagged Lenti ORF Clone – RC224586L3
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 003363.2</u>
RefSeq Size:	3696 bp
RefSeq ORF:	2892 bp
Locus ID:	7375
UniProt ID:	<u>Q13107</u>
Cytogenetics:	3p21.31
Domains:	UCH, DUSP
Protein Families:	Druggable Genome, Protease
MW:	108.4 kDa
Gene Summary:	The protein encoded by this gene is a protease that deubiquitinates target proteins such as ADORA2A and TRIM21. The encoded protein shuttles between the nucleus and cytoplasm and is involved in maintaining operational fidelity in the endoplasmic reticulum. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Oct 2011]

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