

Product datasheet for RC218309L4

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USP1 (NM_001017416) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: USP1 (NM_001017416) Human Tagged Lenti ORF Clone

Tag: mGFP
Symbol: USP1
Synonyms: UBP

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

ORF Nucleotide The ORF insert of this clo

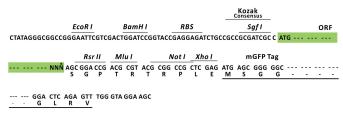
Sequence:

The ORF insert of this clone is exactly the same as(RC218309).

Restriction Sites: Sgfl-Rsrll

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF

ACCN: NM_001017416

ORF Size: 2355 bp





USP1 (NM_001017416) Human Tagged Lenti ORF Clone - RC218309L4

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.

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: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. 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 001017416.1</u>, <u>NP 001017416.1</u>

Protease

 RefSeq Size:
 3424 bp

 RefSeq ORF:
 2358 bp

 Locus ID:
 7398

 UniProt ID:
 094782

Cytogenetics: 1p31.3

MW: 88 kDa

Protein Families:

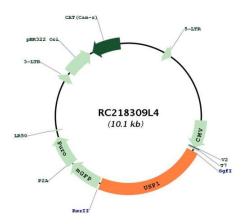
Gene Summary: This gene encodes a member of the ubiquitin-specific processing (UBP) family of proteases

that is a deubiquitinating enzyme (DUB) with His and Cys domains. This protein is located in the cytoplasm and cleaves the ubiquitin moiety from ubiquitin-fused precursors and ubiquitinylated proteins. The protein specifically deubiquitinates a protein in the Fanconi anemia (FA) DNA repair pathway. Alternate transcriptional splice variants have been

characterized. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC218309L4