

### **Product datasheet for RC209755L1**

# USP25 (NM\_013396) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** USP25 (NM\_013396) Human Tagged Lenti ORF Clone

Tag:Myc-DDKSymbol:USP25Synonyms:USP21

Selection:

**Mammalian Cell** 

Vector:pLenti-C-Myc-DDK (PS100064)E. coli Selection:Chloramphenicol (34 ug/mL)

None

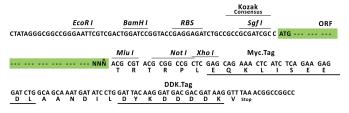
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC209755).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_013396

ORF Size: 3165 bp



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#### USP25 (NM\_013396) Human Tagged Lenti ORF Clone - RC209755L1

**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 013396.3</u>

RefSeq Size: 4968 bp RefSeq ORF: 3168 bp Locus ID: 29761

UniProt ID: Q9UHP3
Cytogenetics: 21q21.1

Domains: UCH, UIM
Protein Families: Protease

**MW:** 122 kDa

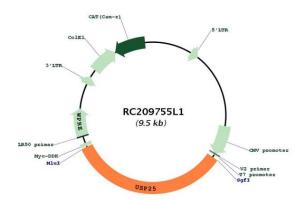
**Gene Summary:** Ubiquitin (MIM 191339) is a highly conserved 76-amino acid protein involved in regulation of

intracellular protein breakdown, cell cycle regulation, and stress response. Ubiquitin is released from degraded proteins by disassembly of the polyubiquitin chains, which is mediated by ubiquitin-specific proteases (USPs), such as USP25 (Valero et al., 1999 [PubMed

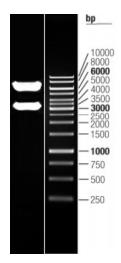
10644437]).[supplied by OMIM, Mar 2008]



## **Product images:**



Circular map for RC209755L1



Double digestion of RC209755L1 using Sgfl-Mlul