

## **Product datasheet for RC221411L3**

## SENP7 (NM\_020654) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: SENP7 (NM\_020654) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: SENP7

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

ORF Nucleotide

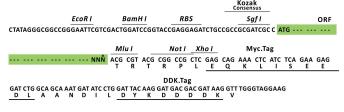
The ORF insert of this clone is exactly the same as(RC221411).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** NM\_020654 **ORF Size:** 3150 bp



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



## SENP7 (NM\_020654) Human Tagged Lenti ORF Clone - RC221411L3

**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.

Peptidase C48

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 020654.3</u>

 RefSeq Size:
 5018 bp

 RefSeq ORF:
 3153 bp

 Locus ID:
 57337

 UniProt ID:
 Q9BQF6

Cytogenetics: 3q12.3

**Domains:** 

**Protein Families:** Druggable Genome, Protease

**MW:** 119.7 kDa

**Gene Summary:** The reversible posttranslational modification of proteins by the addition of small ubiquitin-

like SUMO proteins (see SUMO1; MIM 601912) is required for many cellular processes. SUMO-

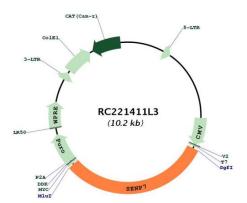
specific proteases, such as SENP7, process SUMO precursors to generate a C-terminal

diglycine motif required for the conjugation reaction. They also display isopeptidase activity for deconjugation of SUMO-conjugated substrates (Lima and Reverter, 2008 [PubMed

18799455]).[supplied by OMIM, Jun 2009]



## **Product images:**



Circular map for RC221411L3