

## **Product datasheet for RC216907L1**

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OriGene Technologies, Inc.

## INTS10 (NM 018142) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: INTS10 (NM\_018142) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: INTS10

Synonyms: C8orf35; INT10

Mammalian Cell None

Selection:

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC216907).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** NM\_018142

ORF Size: 2130 bp





#### INTS10 (NM\_018142) Human Tagged Lenti ORF Clone - RC216907L1

**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 018142.2</u>

 RefSeq Size:
 2539 bp

 RefSeq ORF:
 2133 bp

 Locus ID:
 55174

 UniProt ID:
 Q9NVR2

Cytogenetics: 8p21.3

MW: 82.1 kDa

**Gene Summary:** INTS10 is a subunit of the Integrator complex, which associates with the C-terminal domain of

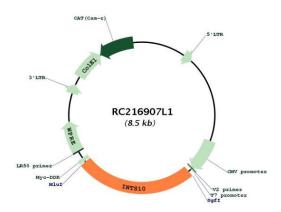
RNA polymerase II large subunit (POLR2A; MIM 180660) and mediates 3-prime end

processing of small nuclear RNAs U1 (RNU1; MIM 180680) and U2 (RNU2; MIM 180690) (Baillat

et al., 2005 [PubMed 16239144]).[supplied by OMIM, Mar 2008]



# **Product images:**



Circular map for RC216907L1