

## **Product datasheet for RC201289L1**

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OriGene Technologies, Inc.

### TRIM32 (NM\_012210) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: TRIM32 (NM\_012210) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: TRIM32

Synonyms: BBS11; HT2A; LGMD2H; LGMDR8; TATIP

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(RC201289).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** NM\_012210

ORF Size: 1959 bp





### TRIM32 (NM\_012210) Human Tagged Lenti ORF Clone - RC201289L1

**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 012210.2</u>

 RefSeq Size:
 3734 bp

 RefSeq ORF:
 1962 bp

 Locus ID:
 22954

 UniProt ID:
 Q13049

 Cytogenetics:
 9q33.1

Domains:zf-B\_box, NHL, RINGProtein Families:Transcription Factors

**Protein Pathways:** Ubiquitin mediated proteolysis

**MW:** 72 kDa

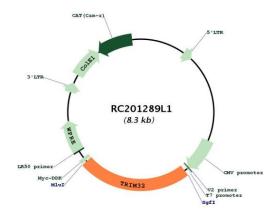
**Gene Summary:** The protein encoded by this gene is a member of the tripartite motif (TRIM) family. The TRIM

motif includes three zinc-binding domains, a RING, a B-box type 1 and a B-box type 2, and a coiled-coil region. The protein localizes to cytoplasmic bodies. The protein has also been localized to the nucleus, where it interacts with the activation domain of the HIV-1 Tat protein.

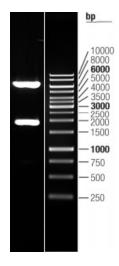
The Tat protein activates transcription of HIV-1 genes. [provided by RefSeq, Jul 2008]



# **Product images:**



Circular map for RC201289L1



Double digestion of RC201289L1 using Sgfl and Mlul  $\,$