

Product datasheet for RC205816L1

OriGene Technologies, Inc.

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CTIP1 (BCL11A) (NM_018014) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: CTIP1 (BCL11A) (NM_018014) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: CTIP1

Synonyms: BCL11A-L; BCL11a-M; BCL11A-S; BCL11A-XL; CTIP1; DILOS; EVI9; HBFQTL5; ZNF856

Mammalian Cell None

Selection:

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

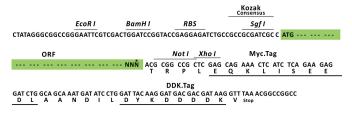
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC205816).

Sequence:

Restriction Sites: Sgfl-Notl

Cloning Scheme:





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

ACCN: NM_018014

ORF Size: 2319 bp





CTIP1 (BCL11A) (NM_018014) Human Tagged Lenti ORF Clone - RC205816L1

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 018014.2</u>, <u>NP 060484.2</u>

 RefSeq Size:
 3958 bp

 RefSeq ORF:
 2322 bp

 Locus ID:
 53335

 UniProt ID:
 Q9H165

 Cytogenetics:
 2p16.1

Domains: zf-C2H2

Protein Families: Transcription Factors

MW: 83.9 kDa

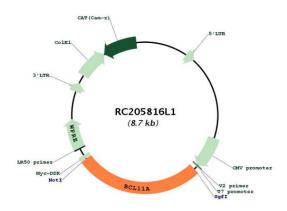
Gene Summary: This gene encodes a C2H2 type zinc-finger protein by its similarity to the mouse Bcl11a/Evi9

protein. The corresponding mouse gene is a common site of retroviral integration in myeloid leukemia, and may function as a leukemia disease gene, in part, through its interaction with BCL6. During hematopoietic cell differentiation, this gene is down-regulated. It is possibly involved in lymphoma pathogenesis since translocations associated with B-cell malignancies also deregulates its expression. Multiple transcript variants encoding several different

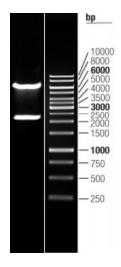
isoforms have been found for this gene. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC205816L1



Double digestion of RC205816L1 using Sgfl and Not!