

Product datasheet for MR202084L4

Bcl7b (NM_009745) Mouse Tagged Lenti ORF Clone

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OriGene Technologies, Inc.

Product data:

Product Type: Expression Plasmids

Product Name: Bcl7b (NM_009745) Mouse Tagged Lenti ORF Clone

Tag: mGFP Symbol: Bcl7b

Mammalian Cell Puromycin

Selection:

Vector:

pLenti-C-mGFP-P2A-Puro (PS100093)

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

ORF Nucleotide

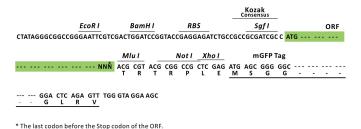
The ORF insert of this clone is exactly the same as(MR202084).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





ACCN: NM_009745

ORF Size: 606 bp



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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 009745.2, NP 033875.2</u>

 RefSeq Size:
 1678 bp

 RefSeq ORF:
 609 bp

 Locus ID:
 12054

 UniProt ID:
 Q921K9

Cytogenetics: 5 G2

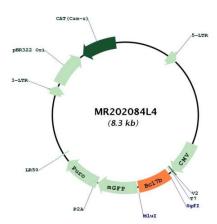
Gene Summary: Positive regulator of apoptosis. Plays a role in the Wnt signaling pathway, negatively

regulating the expression of Wnt signaling components CTNNB1 and HMGA1 (By similarity). Involved in cell cycle progression, maintenance of the nuclear structure and stem cell differentiation (By similarity). May play a role in lung tumor development or progression.

[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR202084L4