

Product datasheet for MR205984L4

Bscl2 (NM_008144) Mouse Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Bscl2 (NM_008144) Mouse Tagged Lenti ORF Clone

Tag: mGFP Symbol: Bscl2

Synonyms: 2900097C17Rik; Al046355; Gng3lg

Mammalian Cell

Selection:

Puromycin

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(MR205984).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_008144

ORF Size: 1329 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

RefSeq: <u>NM 008144.4</u>, <u>NP 032170.3</u>

 RefSeq Size:
 1815 bp

 RefSeq ORF:
 1332 bp

 Locus ID:
 14705

 UniProt ID:
 Q9Z2E9

Cytogenetics: 19 5.76 cM

Gene Summary: Is a regulator of lipid catabolism essential for adipocyte differentiation. Necessary for correct

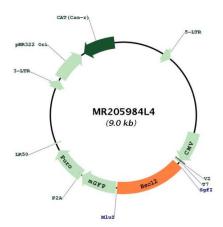
lipid storage and lipid droplets maintenance; may play a tissue-autonomous role in controlling lipid storage in adipocytes and in preventing ectopic lipid droplet formation in

non-adipose tissues. May also be involved in the central regulation of energy homeostasis.

[UniProtKB/Swiss-Prot Function]



Product images:



Circular map for MR205984L4