

Product datasheet for RC207436L3

OriGene Technologies, Inc.

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BOULE (BOLL) (NM_033030) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: BOULE (BOLL) (NM_033030) Human Tagged Lenti ORF Clone

Tag:Myc-DDKSymbol:BOULESynonyms:BOULE

Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC207436).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_033030

ORF Size: 849 bp





BOULE (BOLL) (NM_033030) Human Tagged Lenti ORF Clone - RC207436L3

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.

31.3 kDa

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 033030.3</u>

 RefSeq Size:
 2842 bp

 RefSeq ORF:
 852 bp

 Locus ID:
 66037

 UniProt ID:
 Q8N9W6

 Cytogenetics:
 2q33.1

MW:

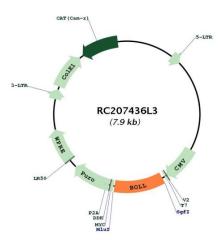
Gene Summary: This gene belongs to the DAZ gene family required for germ cell development. It encodes an

RNA-binding protein which is more similar to Drosophila Boule than to human proteins encoded by genes DAZ (deleted in azoospermia) or DAZL (deleted in azoospermia-like). Loss of this gene function results in the absence of sperm in semen (azoospermia). Histological studies demonstrated that the primary defect is at the meiotic G2/M transition. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this

gene. [provided by RefSeq, Jul 2008]



Product images:



Circular map for RC207436L3