

Product datasheet for RC207436L4V

OriGene Technologies, Inc.

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BOULE (BOLL) (NM_033030) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: BOULE (BOLL) (NM 033030) Human Tagged ORF Clone Lentiviral Particle

Symbol: BOULE Synonyms: BOULE

Mammalian Cell

Selection:

Puromycin

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

31.3 kDa

Tag: mGFP

ACCN: NM_033030

ORF Size: 849 bp

ORF Nucleotide

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

Sequence:

MW:

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.

RefSeq: <u>NM 033030.3</u>

 RefSeq Size:
 2842 bp

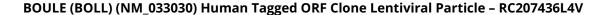
 RefSeq ORF:
 852 bp

 Locus ID:
 66037

 UniProt ID:
 Q8N9W6

 Cytogenetics:
 2q33.1







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]