

Product datasheet for RC202640L3

OriGene Technologies, Inc.

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MAD2L1 binding protein (MAD2L1BP) (NM_014628) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: MAD2L1 binding protein (MAD2L1BP) (NM_014628) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: MAD2L1 binding protein

Synonyms: CMT2

Mammalian Cell Puromycin

Selection:

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

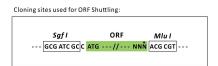
E. coli Selection: Chloramphenicol (34 ug/mL)

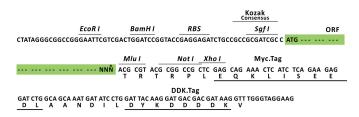
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC202640).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_014628

ORF Size: 822 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 014628.2</u>

RefSeq Size: 1283 bp RefSeq ORF: 825 bp

Locus ID: 9587

UniProt ID: Q15013

Cytogenetics: 6p21.1

Protein Families: Druggable Genome

MW: 31.1 kDa

Gene Summary: The protein encoded by this gene was identified as a binding protein of the MAD2 mitotic

arrest deficient-like 1 (MAD2/MAD2L1). MAD2 is a key component of the spindle checkpoint that delays the onset of anaphase until all the kinetochores are attached to the spindle. This protein may interact with the spindle checkpoint and coordinate cell cycle events in late mitosis. Alternatively spliced transcript variants encoding distinct isoforms have been

observed. [provided by RefSeq, Jul 2008]