

# Product datasheet for MR219738L3

Madd (NM\_001177720) Mouse Tagged Lenti ORF Clone

### **Product data:**

**Product Type: Expression Plasmids** 

**Product Name:** Madd (NM\_001177720) Mouse Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Madd

9630059K23Rik; IG20 Synonyms:

**Mammalian Cell** Puromycin

Selection:

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

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

**ORF Nucleotide** 

Sequence:

The ORF insert of this clone is exactly the same as(MR219738).

**Restriction Sites:** 

Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.



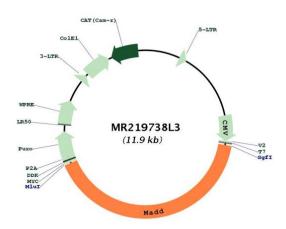
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#### Plasmid Map:



**ACCN:** NM\_001177720

ORF Size: 4881 bp

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 001177720.1</u>, <u>NP 001171191.1</u>

RefSeq Size: 5905 bp RefSeq ORF: 4884 bp



## Madd (NM\_001177720) Mouse Tagged Lenti ORF Clone - MR219738L3

 Locus ID:
 228355

 UniProt ID:
 Q80U28

 Cytogenetics:
 2 E1

**Gene Summary:** Plays a significant role in regulating cell proliferation, survival and death through alternative

mRNA splicing. Converts GDP-bound inactive form of RAB3A, RAB3C and RAB3D to the GTP-bound active forms. Component of the TNFRSF1A signaling complex: MADD links TNFRSF1A with MAP kinase activation. Plays an important regulatory role in physiological cell death (TNF-

alpha-induced, caspase-mediated apoptosis).[UniProtKB/Swiss-Prot Function]