

## Product datasheet for RC219597L3

## OriGene Technologies, Inc.

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## Chromosome X open reading frame 6 (MAMLD1) (NM\_005491) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: Chromosome X open reading frame 6 (MAMLD1) (NM\_005491) Human Tagged Lenti ORF

Clone

Tag: Myc-DDK

**Symbol:** Chromosome X open reading frame 6

**Synonyms:** CG1; CXorf6; F18; HYSP2

**Mammalian Cell** 

Selection:

Puromycin

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

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

**ORF Nucleotide** 

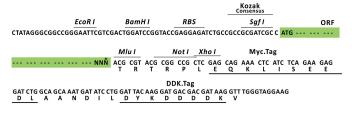
The ORF insert of this clone is exactly the same as(RC219597).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





 $<sup>\</sup>ensuremath{^*}$  The last codon before the Stop codon of the ORF.

**ACCN:** NM\_005491





## Chromosome X open reading frame 6 (MAMLD1) (NM\_005491) Human Tagged Lenti ORF Clone – RC219597L3

ORF Size: 2322 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 005491.2</u>, <u>NP 005482.2</u>

RefSeq Size: 4636 bp
RefSeq ORF: 2325 bp
Locus ID: 10046
UniProt ID: Q13495
Cytogenetics: Xq28

MW: 83.1 kDa

**Gene Summary:** This gene encodes a mastermind-like domain containing protein. This protein may function

as a transcriptional co-activator. Mutations in this gene are the cause of X-linked hypospadias type 2. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Apr

2010]