

## Product datasheet for RC200747L4V

## OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

## MAD3 (MXD3) (NM\_031300) Human Tagged ORF Clone Lentiviral Particle

**Product data:** 

**Product Type:** Lentiviral Particles

Product Name: MAD3 (MXD3) (NM 031300) Human Tagged ORF Clone Lentiviral Particle

Symbol: MAD3

Synonyms: BHLHC13; MAD3; MYX

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM\_031300

ORF Size: 618 bp

**ORF Nucleotide** 

The ORF insert of this clone is exactly the same as(RC200747).

Sequence:
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

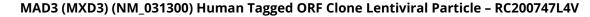
varies depending on the nature of the gene.

**RefSeq:** <u>NM 031300.2</u>

RefSeq Size: 1483 bp
RefSeq ORF: 621 bp
Locus ID: 83463
UniProt ID: Q9BW11
Cytogenetics: 5q35.3
Domains: HLH

**Protein Families:** Druggable Genome, Transcription Factors





**MW:** 23.5 kDa

ORÏGENE

Gene Summary: This gene encodes a member of the Myc superfamily of basic helix-loop-helix leucine zipper

transcriptional regulators. The encoded protein forms a heterodimer with the cofactor MAX which binds specific E-box DNA motifs in the promoters of target genes and regulates their transcription. Disruption of the MAX-MXD3 complex is associated with uncontrolled cell proliferation and tumorigenesis. Transcript variants of this gene encoding different isoforms

have been described.[provided by RefSeq, Dec 2008]