

### **Product datasheet for RC207887L2**

# OriGene Technologies, Inc.

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### NOMO3 (NM\_001004067) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

**Product Name:** NOMO3 (NM\_001004067) Human Tagged Lenti ORF Clone

Tag:mGFPSymbol:NOMO3Synonyms:Nomo

Mammalian Cell

Selection:

**Vector:** pLenti-C-mGFP (PS100071)

None

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RC207887).

Sequence:

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** NM\_001004067

ORF Size: 3666 bp





#### NOMO3 (NM\_001004067) Human Tagged Lenti ORF Clone - RC207887L2

**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 001004067.1</u>

 RefSeq Size:
 4273 bp

 RefSeq ORF:
 3669 bp

 Locus ID:
 408050

 UniProt ID:
 P69849

 Cytogenetics:
 16p13.11

**MW:** 134 kDa

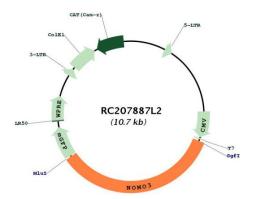
**Gene Summary:** This gene encodes a protein originally thought to be related to the collagenase gene family.

This gene is one of three highly similar genes in a duplicated region on the short arm of chromosome 16. These three genes encode closely related proteins that may have the same function. The protein encoded by one of these genes has been identified as part of a protein complex that participates in the Nodal signaling pathway during vertebrate development. Mutations in ABCC6, which is located nearby, rather than mutations in this gene are

associated with pseudoxanthoma elasticum. [provided by RefSeq, Jul 2008]



## **Product images:**



Circular map for RC207887L2