

Product datasheet for RC216572L2

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OriGene Technologies, Inc.

BMP1 (NM_006129) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: BMP1 (NM 006129) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: BMP1

Synonyms: OI13; PCOLC; PCP; PCP2; TLD

Mammalian Cell None

Selection:

Vector:pLenti-C-mGFP (PS100071)E. coli Selection:Chloramphenicol (34 ug/mL)

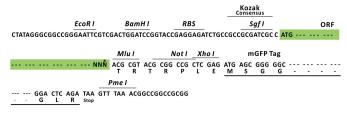
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC216572).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_006129

ORF Size: 2958 bp





BMP1 (NM_006129) Human Tagged Lenti ORF Clone - RC216572L2

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 006129.2</u>

RefSeq Size:3552 bpRefSeq ORF:2961 bp

Locus ID: 649

UniProt ID: P13497
Cytogenetics: 8p21.3

Protein Families: Druggable Genome, Protease

MW: 111.21 kDa

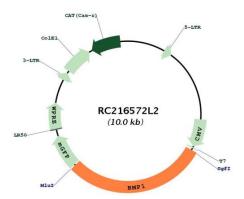
Gene Summary: This gene encodes a protein that is capable of inducing formation of cartilage in vivo.

Although other bone morphogenetic proteins are members of the TGF-beta superfamily, this gene encodes a protein that is not closely related to other known growth factors. This gene is expressed as alternatively spliced variants that share an N-terminal protease domain but

differ in their C-terminal region. [provided by RefSeq, Aug 2008]



Product images:



Circular map for RC216572L2