

## Product datasheet for **RC216572L4V**

### **BMP1 (NM\_006129) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	BMP1 (NM_006129) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BMP1
Synonyms:	OI13; PCOLC; PCP; PCP2; TLD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_006129
ORF Size:	2958 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216572).
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. <a href="#">More info</a>
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:	<a href="#">NM_006129.2</a>
RefSeq Size:	3552 bp
RefSeq ORF:	2961 bp
Locus ID:	649
UniProt ID:	<a href="#">P13497</a>
Cytogenetics:	8p21.3
Protein Families:	Druggable Genome, Protease
MW:	111.21 kDa



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**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]