

## Product datasheet for **KN212538BN**

### **BMP1 Human Gene Knockout Kit (CRISPR)**

#### **Product data:**

<b>Product Type:</b>	Knockout Kits (CRISPR)
<b>Format:</b>	2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control
<b>Donor DNA:</b>	mBFP-Neo
<b>Symbol:</b>	BMP1
<b>Locus ID:</b>	649
<b>Components:</b>	<b>KN212538G1</b> , BMP1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) <b>KN212538G2</b> , BMP1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002) <b>KN212538BND</b> , donor DNA containing left and right homologous arms and mBFP-Neo functional cassette. <b>GE100003</b> , scramble sequence in pCas-Guide vector
<b>Disclaimer:</b>	These products are manufactured and supplied by OriGene under license from ERS. The kit is designed based on the best knowledge of CRISPR technology. The system has been functionally validated for knocking-in the cassette downstream the native promoter. The efficiency of the knock-out varies due to the nature of the biology and the complexity of the experimental process.
<b>RefSeq:</b>	<a href="#">NM_001199</a> , <a href="#">NM_006128</a> , <a href="#">NM_006129</a> , <a href="#">NM_006130</a> , <a href="#">NM_006131</a> , <a href="#">NM_006132</a> , <a href="#">NR_033403</a> , <a href="#">NR_033404</a>
<b>UniProt ID:</b>	<a href="#">P13497</a>
<b>Synonyms:</b>	OI13; PCOLC; PCP; PCP2; TLD
<b>Summary:</b>	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]



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Product images:

