

Product datasheet for KN212538BN

BMP1 Human Gene Knockout Kit (CRISPR)

Product data:

Product Type: Knockout Kits (CRISPR)

Format: 2 gRNA vectors, 1 mBFP-Neo donor, 1 scramble control

Donor DNA: mBFP-Neo

BMP1 Symbol:

649 Locus ID:

KN212538G1, BMP1 gRNA vector 1 in pCas-Guide CRISPR vector (GE100002) Components:

KN212538G2, BMP1 gRNA vector 2 in pCas-Guide CRISPR vector (GE100002)

KN212538BND, donor DNA containing left and right homologous arms and mBFP-Neo

functional cassette.

GE100003, scramble sequence in pCas-Guide vector

RefSeq: NM 001199, NM 006128, NM 006129, NM 006130, NM 006131, NM 006132, NR 033403,

NR 033404

UniProt ID: P13497

OI13; PCOLC; PCP; PCP2; TLD Synonyms:

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]



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Product images:

Donor Vector Edited Chromosome



RFP, Luc, and mBFP will be under native gene promoter