

Product datasheet for **RC209319L3V**

BMPER (NM_133468) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	BMPER (NM_133468) Human Tagged ORF Clone Lentiviral Particle
Symbol:	BMPER
Synonyms:	CRIM3; CV-2; CV2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_133468
ORF Size:	2055 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209319).
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.
RefSeq:	NM_133468.2
RefSeq Size:	5031 bp
RefSeq ORF:	2058 bp
Locus ID:	168667
UniProt ID:	Q8N8U9
Cytogenetics:	7p14.3
Protein Families:	Secreted Protein
MW:	76 kDa



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Gene Summary:

This gene encodes a secreted protein that interacts with, and inhibits bone morphogenetic protein (BMP) function. It has been shown to inhibit BMP2- and BMP4-dependent osteoblast differentiation and BMP-dependent differentiation of the chondrogenic cells. Mutations in this gene are associated with a lethal skeletal disorder, diaphanospondylodysostosis. [provided by RefSeq, Dec 2011]