

Specifications:

Gene:	hBMP1
Accession:	NP_001190
Insert size:	2206bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

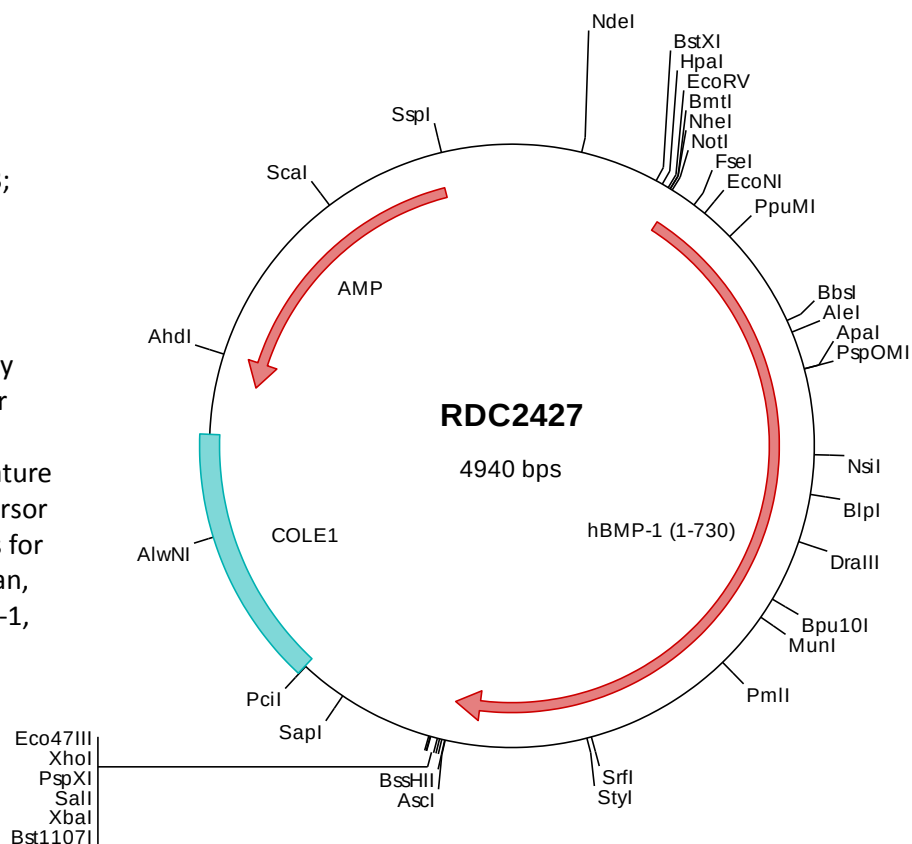
hBMP-1/PCP cDNA Plasmid

BMP1 bone morphogenetic protein 1 [*Homo sapiens* (human)]

Also known as: PCP; TLD; OI13; PCP2; PCOLC

Summary:

BMP-1 is a zinc protease of the astacin family. BMP-1 plays a key role in formation of extracellular matrix (ECM) by converting precursor proteins into their mature and functional forms. The precursor proteins identified as substrates for BMP-1 include collagens, biglycan, laminin 5, dentin matrix protein-1, and lysyl oxidase. Alternatively spliced transcripts encoding different proteins have been described.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS

> RDC2427 Plasmid DNA Sequence

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