

Specifications:

Gene:	hBAMBI
Accession:	NP_036474
Insert size:	795bp
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.

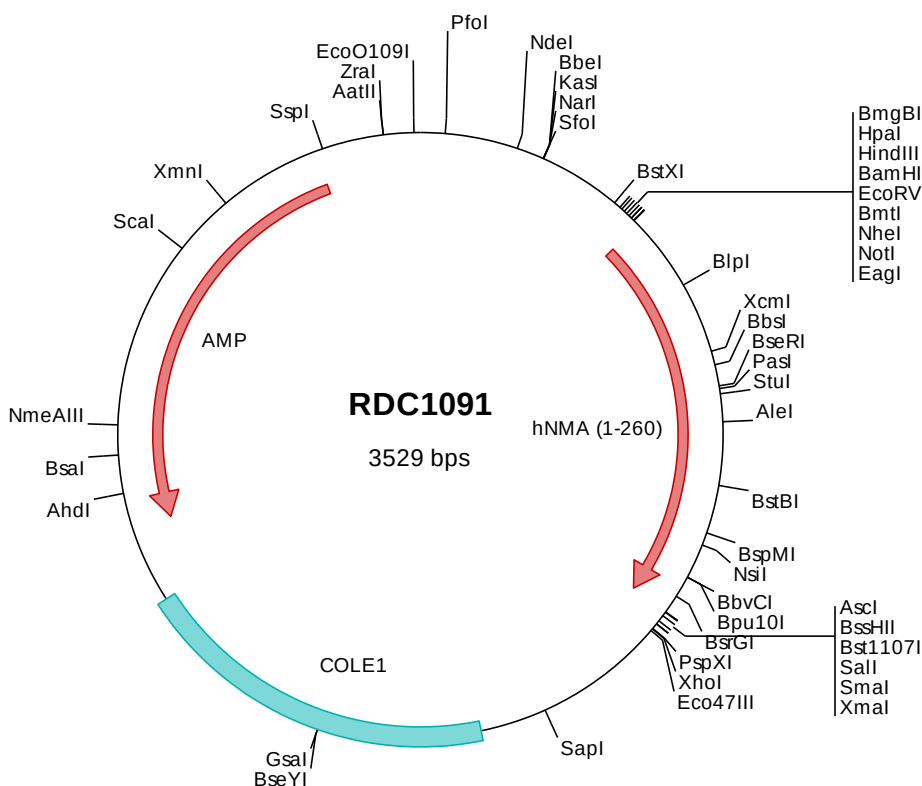
hBAMBI/NMA cDNA Plasmid

BAMBI BMP and activin membrane-bound inhibitor
[*Homo sapiens* (human)]

Also known as: NMA

Summary:

BAMBI is a transmembrane glycoprotein related to the TGF-β type I receptor family. It lacks an intracellular serine/threonine kinase domain required for signaling thereby serving as a potential pseudoreceptor. It antagonizes Activin and TGF-β signaling, and may increase the dynamic range of BMPs to aid in BMP gradient effectiveness. Loss of BAMBI expression in tumor tissue has been linked to high metastatic potential.





> RDC1091 Plasmid DNA Sequence

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1   tcgcgcggttt cggatgatgac ggtgaaaacc tctgacacat gcagctcccc gagacggtca cagcttgtct gtaagcggat gccgggagca gacaagcccg
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201  ccgcacagat gcgtaaggag aaaataccgc atcaggcgcc attcgccatt caggctgcgc aactgttggg aaggcgatc ggtgcgggcc tcttcgctat
301  tacgccagct ggcgaaaggg ggatgtgctg caaggcgatt aagtttggta acgccagggt tttccagtc acgacgttgt aaaacgacgg ccagtgaatt
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> RDC1091 Translated Insert Sequence

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201  hskskgqvak ldlecmvpvs ghenccltcd kmrqadlsnd kilslvhwgm yshgkclefv
```