

Recombinant Human BAMBI protein, T7/His-tagged

Cat. No. BAMBI-75H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human BAMBI cDNA (21 – 152 aa) fused with T7-His-TEV cleavage site Tag (29aa) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	21-152 a.a.
Form	1.0 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGRGHHHHHENLYFQGGFVLLTKGEIRCYCDAAHCVATGYMCK SELSACFSRLLDPQNSNSPLT HGCLDSLASTTDICQAKQARNHSGTTIPTLECCHED MCNYRGLHDVLSPPRGEASGQGNRYQHDGSRNLITKVQE LTSSKELWFRA
Purity	>90% by SDS-PAGE
Applications	1. May be used for in vitro BAMBI protein mediated Wnt / b-catenin pathway regulation for either adipocytes or hepatocytes differentiation study with this protein as either coating matrix protein or soluble factor.2. May be used for BAMBI protein-protein interaction assay.3. As enzymatic substrate for various proteases.4. As antigen for specific antibody production.
Storage	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at

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least 30 days.

GENE INFORMATION

Gene Name	BAMBI BMP and activin membrane-bound inhibitor homolog (Xenopus laevis) [Homo sapiens]
Official Symbol	BAMBI
Synonyms	BAMBI; BMP and activin membrane-bound inhibitor homolog (Xenopus laevis); BMP and activin membrane-bound inhibitor homolog; NMA; non-metastatic gene A protein; putative transmembrane protein NMA;
Gene ID	25805
mRNA Refseq	NM_012342
Protein Refseq	NP_036474
MIM	604444
UniProt ID	Q13145
Chromosome Location	10p12.3-p11.2
Pathway	BMP receptor signaling, organism-specific biosystem; TGF Beta Signaling Pathway, organism-specific biosystem; TGF-beta receptor signaling, organism-specific biosystem;
Function	frizzled binding; type II transforming growth factor beta receptor binding;

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