

## Product datasheet for **TP761788**

### **BAMBI (NM\_012342) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human BMP and activin membrane-bound inhibitor homolog ( <i>Xenopus laevis</i> ) (BAMBI), full length, with N-terminal GST and C-terminal His tag, expressed in <i>E. coli</i> , 50ug
<b>Species:</b>	Human
<b>Expression Host:</b>	<i>E. coli</i>
<b>Expression cDNA Clone or AA Sequence:</b>	A DNA sequence encoding human full-length BAMBI
<b>Tag:</b>	N-GST and C-His
<b>Predicted MW:</b>	57.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	50 mM Tris-HCl, pH 8.0, 8 M urea
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_036474</a>
<b>Locus ID:</b>	25805
<b>UniProt ID:</b>	<a href="#">Q13145</a>
<b>RefSeq Size:</b>	1732
<b>Cytogenetics:</b>	10p12.1
<b>RefSeq ORF:</b>	780
<b>Synonyms:</b>	NMA



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**Summary:**

This gene encodes a transmembrane glycoprotein related to the type I receptors of the transforming growth factor-beta (TGF-beta) family, whose members play important roles in signal transduction in many developmental and pathological processes. The encoded protein however is a pseudoreceptor, lacking an intracellular serine/threonine kinase domain required for signaling. Similar proteins in frog, mouse and zebrafish function as negative regulators of TGF-beta, which has led to the suggestion that the encoded protein may function to limit the signaling range of the TGF-beta family during early embryogenesis. [provided by RefSeq, Jul 2008]

**Protein Families:**

Transmembrane

**Product images:**