

Product datasheet for **SC320302**

BAMBI (NM_012342) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: BAMBI (NM_012342) Human Untagged Clone
Tag: Tag Free
Symbol: BAMBI
Synonyms: NMA
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC (PS100020)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_012342.2
 CGGAGAGACCTGGGCTGGCGCGGGCGGAGCTGCGGCGGATACCCTTGCCTGCTGTGGAG
 ACCTACTCTCTTCGCTGAGAACGGCCGCTAGCGGGGACTGAAGGCCGGGAGCCACTCC
 CGACCCGGGGCTAGCGTGCCTCCCTAGAGTCGAGCGGGGCAAGGGAGCCAGTGGCCGCC
 ACGGGGGACCGGAACTTTTCTGGGCTCCTGGGCGCGCCCTGTAGCCGCGCTCCATGCT
 CCGGCAGCGGCCGAAACCCAGCCCGCCGCTGACGGCGCCCGCCGCTCCGGGCAGGGCC
 CATGCCCTGCGCGCTCCGGGGTTCGTAGGCTGCCGCCGAGCCGGGGCTCCGGAAGCCGGC
 GGGGGCGCCGGCCGTGCGGGGCTCAATGGATCGCCACTCCAGCTACATCTTCATCTG
 GCTGCAGCTGGAGCTCTGCGCCATGGCCGTGCTGCTACCAAAGGTGAAATTCGATGCTA
 CTGTGATGCTGCCACTGTGTAGCCACTGGTTATATGTGTAATCTGAGCTCAGCGCCTG
 CTTCTCTAGACTTCTTGATCCTCAGAACTCAAATTCCTCCACTCACCCATGGCTGCCTGGA
 CTCTTTGCAAGCACGACAGACATCTGCCAAGCCAACAGGCCCGAAACCACTCTGGCAC
 CACCATACCCACATTGGAATGCTGTCATGAAGACATGTGCAATTACAGAGGGCTGCACGA
 TGTTCTCTCCTCCCAGGGGTGAGGCCTCAGGACAAGGAAACAGGTATCAGCATGATGG
 TAGCAGAAACCTTATACCAAGGTGCAGGAGCTGACTTCTTCAAAGAGTTGTGGTTCCG
 GGCAGCGGTATTGCCGTGCCATTGCTGGAGGGCTGATTTTAGTGTGCTTATTATGTT
 GGCCCTGAGGATGCTTCGAAGTAAAAAAGAGGCTGCAGGATCAGCGGCAACAGATGCT
 CTCCCCTTGCACACTACAGCTTTCACGGACACCATTCAAAAAGGGGCAGGTTGCAAGTT
 AGACTTGAATGCATGGTGCCGGTCAGTGGGCACGAGAAGTCTGTCTGACCTGTGATAA
 AATGAGACAAGCAGACCTCAGCAACGATAAAGATCCTCTCGCTTGTCACTGGGGCATGTA
 CAGTGGGCACGGGAAGCTGGAATTCGTATGACGGAGTCTTATCTGAACTACACTTACTGA
 ACAGCTTGAAGGCCTTTTGGATTCTGCTGGACAGGAGCACTTTATCTGAAGACAACTCA
 TTTAATCATCTTTGAGAGACAAATGACCTCTGCAAACAGAATCTGGATATTTCTTCTG
 AAGGATTATTTGCACAGACTTAAATACAGTAAATGTGTTATTTGCTTTAAAATTATAAA
 AAGCAAAGAGAAGACTTTGTACACTGTACCAGGGTATTTGCATCCAAGGGAGCTGG
 AATTGAGTACCTAAATAAACAAAAATGTGCCCTAAAAAAAAAAAAAAAAAAAAAAAAAAAA
 AAAAA



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Restriction Sites:	Please inquire
ACCN:	NM_012342
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_012342.2 , NP_036474.1
RefSeq Size:	1732 bp
RefSeq ORF:	783 bp
Locus ID:	25805
UniProt ID:	Q13145
Cytogenetics:	10p12.1
Protein Families:	Transmembrane
Gene Summary:	<p>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]</p>