

Product datasheet for **MR203386**

Bambi (NM_026505) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bambi (NM_026505) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bambi
Synonyms:	2610003H06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203386 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATCGCCACTCCAGCTACTTCTTCATCTGGCTGCAGCTGGAGCTCTGCGCCATGGCTGTGCTGCTCA
CCAAAGGAGAGATCAGATGCTACTGTGATGCTGCTCACTGTGTGGCAACAGGTTACATGTGTAAGTCTGA
GCTTAGTGCTGCTTCTCCAGACTTCTCGATCCTCAGAACACCAATTCTCCACTCACCCACGGCTGCCTG
GACTCACTTGCAAGCACGGCAGACATCTGCCGAGCCAAACAGGCCAAAACCACTCTGGCCCTGCCATGC
CCACTTTGGAATGCTGTACGAAGACATGTGCAATTATCGAGGACTGCATGACGTCCTCTCTCTCCAA
GAGCGAAGCCTCAGGACAAGGAAACCGGTATCAGCATGACAGCAGAGAAACCTCATCACTAAGATGCAG
GAGCTGACTTCCTCCAAAGAACTGTGGTCCGCGCAGCTGTGATAGCGGTTCCCATTGCTGGCGGACTGA
TCTTGGTGTGCTCATTATGTTGGCCTTGCGAATGCTTCGAAGTGAGAACAAGAGGCTGCAGGATGAGCG
GCAGCAGATGCTGTCCCGTCTGCACTACAGCTTTCACGGACACCAATCCAAGAAGGGGCAAGTTGCAAAG
TTGGACTTGGAGTGCATGGTGCCTGTGAGTGGCAGGAGAAGTGTGCTGACCTGTGACAAAATGCGGC
AAGCAGAGCTCAGTAATGAGAAGATCCTCTCCCTTGTGCACTGGGCATGTACAGTGGTCATGAAAAGCT
GGAATTCATA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



Protein Sequence: >MR203386 protein sequence
 Red=Cloning site Green=Tags(s)

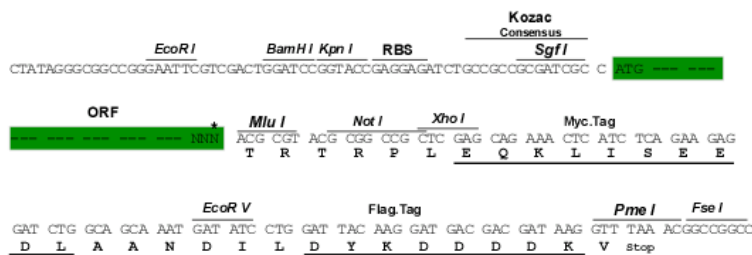
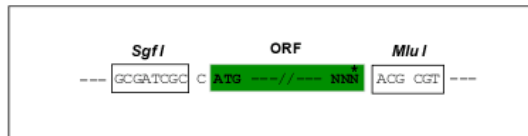
MDRHSSYFFIWLQLELCAMAVLLTKGEIRCYCDAAHCVATGYMCKSEL SACFSRLLDPQNTNSPLTHGCL
 DSLASTADICRAKQAQNHS GPAMPTLECCHEDMCNRYGLHDVLS PSKSEASGQGNRYQHDSRNLITKMQ
 ELTSSKELWFRAAVIAVPIAGGLILVLLIMLALRMLRSENKRLQDERQQML SRLHYSFHGHHSKKGQVAK
 LDLECMVPVSGQENCLTCDKMRQAE LSNEKILSLVHWGMYSYGHGKLEFI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_026505

ORF Size: 783 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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_026505.2](#), [NP_080781.1](#)

RefSeq Size: 5040 bp

RefSeq ORF: 783 bp

Locus ID: 68010

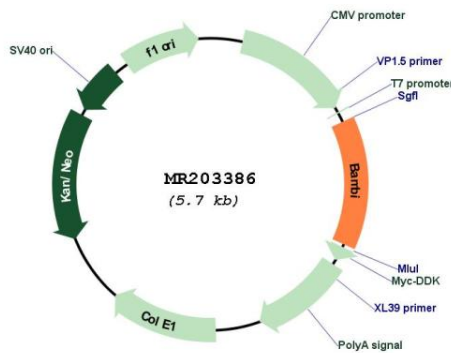
UniProt ID: [Q9D0L6](#)

Cytogenetics: 18 A1

MW: 29.2 kDa

Gene Summary: Negatively regulates TGF-beta signaling.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203386