

Product datasheet for **MG203386**

Bambi (NM_026505) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bambi (NM_026505) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Bambi
Synonyms:	2610003H06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG203386 representing NM_026505 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGATCGCCACTCCAGCTACTTCTTCATCTGGCTGCAGCTGGAGCTCTGCGCCATGGCTGTGCTGCTCA
CCAAAGGAGAGATCAGATGCTACTGTGATGCTGCTCACTGTGTGGCAACAGGTTACATGTGTAAGTCTGA
GCTTAGTGCTGCTTCTCCAGACTTCTCGATCCTCAGAACACCAATTCTCCACTCACCCACGGCTGCCTG
GACTCACTTGCAAGCACGGCAGACATCTGCCGAGCCAAACAGGCCAAAACCACTCTGGCCCTGCCATGC
CCACTTTGGAATGCTGTACGAAGACATGTGCAATTATCGAGGACTGCATGACGTCCTCTCTCTCCAA
GAGCGAAGCCTCAGGACAAGGAAACCGGTATCAGCATGACAGCAGAGAAACCTCATCACTAAGATGCAG
GAGCTGACTTCTCCAAAGAACTGTGGTTCCGCGCAGCTGTGATAGCGGTTCCCATTGCTGGCGGACTGA
TCTTGGTGTGCTCATTATGTTGGCCTTGCGAATGCTTCGAAGTGAGAACAAGAGGCTGCAGGATGAGCG
GCAGCAGATGCTGTCCCGTCTGCACTACAGCTTTCACGGACACCATTCGAAGAAGGGCAAGTTGCAAA
TTGGACTTGGAGTGCATGGTGCCTGTGAGTGGCAGGAGAAGTGTGCTGACCTGTGACAAAATGCGGC
AAGCAGAGCTCAGTAATGAGAAGATCCTCTCCCTTGTGCACTGGGCATGTACAGTGGTCATGAAAAGCT
GGAATTCATA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203386 representing NM_026505
 Red=Cloning site Green=Tags(s)

MDRHSSYFFIWLQLELCAMAVLLTKGEIRCYCDAAHCVATGYMCKSEL SACFSRLLDPQNTNSPLTHGCL
 DSLASTADICRAKQAQNHS GPAMPTLECCHEDMCNYRGLHDVLS PSKSEASGQGNRYQH DSSRNLITKMQ
 ELTSSKELWFRAAVIAVPIAGGLILVLLIMLALRMLRSENKRLQDERQQML SRLHYSFHGHHSSKKGQYAK
 LDLECMVPVSGQENCLTCDKMRQAELSNEKILSLVHWGMYSGHGKLEFI

TRTRPLE - GFP Tag - V

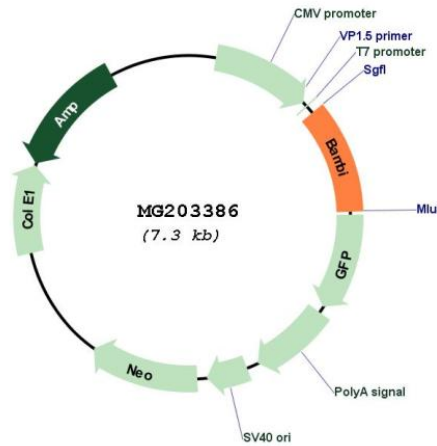
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_026505

ORF Size: 780 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:	<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_026505.2 , NP_080781.1
RefSeq Size:	5040 bp
RefSeq ORF:	783 bp
Locus ID:	68010
UniProt ID:	Q9D0L6
Cytogenetics:	18 A1
Gene Summary:	Negatively regulates TGF-beta signaling.[UniProtKB/Swiss-Prot Function]