

## Product datasheet for **MG204306**

### **Ebna1bp2 (NM\_026932) Mouse Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ebna1bp2 (NM_026932) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ebna1bp2
Synonyms:	1810014B19Rik; AA537058; B830003A16Rik; C81321; Ebp2; Nobp; p40
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG204306 representing NM_026932 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGACCCCCTCCGCTTTCAGAGTCGGACTCGGAGTCGGATGCGTGCCTGGCCTCAGATCAAGAGTTGC  
AGGATGCGTTTTCCCGCGGACTCCTGAAGCCAGGTCTCAATGTCGTGCTAGAGAAGCCGAAGAAGGCAGT  
GAATGACGTGAGTGGCCTGAAACAGTGTGGCTGAATTCAGACGGGATCTGGAGTGGGTTGAAAGGCTC  
GATGTGACCCTGGGTCCAGTGCCAGAAGTCAGTGAGACTCAGCCAACACCTCAGAACCAGGACCAGAAGA  
AAGGCCTAATCCAGAAGACGACTTCCAGAGGAAATGAGTTTCTACCGCAGGCCCAGGCAGCAGTGTCT  
TGCGGTATTACCCGACTCCATCAGCTCCAAGTCCCTACGAAGAGGCCACCGATTATTTTCAGAAATG  
GCCAAGTCTGATCAGCAGATGCAAAAGATTCGACAGAAGCTGCAGACTAACAGGCCGCCATGGAGAAAT  
CTGAAAAGGCCAAGCAACTTCGAGCGCTTAGGAAATATGGAAAGAAGGTGCAAACTGAGGTCTCTGCAGAA  
GAGGCAGCGGGAGAAAGCACACATGATGAATGCCATCAAGAAATACCAGAAAGGCTTCTCTGATAAGCTG  
GATTTCTGGAGGGTGACCAGAAGCCTGTGGAACGCAGTGCAAGGCAGGAGGTAAGGCCAGCAGATGA  
GTAAGGGCCTAATGCCAAACGAAGATACAAAAATCAGAAGTTTGGTTTTGGTGGAAAGAAGAAAGGCTC  
CAATGGAACACGAAAGAGACTACGACGATGTCTCCAGCTTCCGAGCCAAGGTGGCTCACGGCAAGGCC  
TCCAGGAGCCTGGGAAGAAAGGGCAAATAAGAGACCCGAAACGAGCAAGACAGAACTGAAGAGTA  
AAGCCCGC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >MG204306 representing NM\_026932  
 Red=Cloning site Green=Tags(s)

MDTPPLSESDSESDACLASDQELQDAFSRGLLKPGLNVVLEKPKKAVNDVSGLKQCLAEFRDLEWVERL  
 DVTLGPVPEVSETQPTPQNDQKKGVPEDDFQREMSFYRQAQAAVLAVLPRLHQLQVPTKRPTDYFAEM  
 AKSDQQMQKIRQKLQTKQAAMEKSEKAKQLRALRKYGKKVQTEVLQKRQREKAHMMNAIKKYQKGFSDKL  
 DFLEGDQKPVERSAKAGGKQMSKGPNAKRRYKNQKFGFGGKKKGSKWNTKESYDDVSSFRAKVAHGKG  
 SRRPGKKGANKRPGKRARQKLKSKAR

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



**ACCN:** NM\_026932

**ORF Size:** 918 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\\_026932.4](#), [NP\\_081208.1](#)

**RefSeq Size:** 2960 bp

**RefSeq ORF:** 921 bp

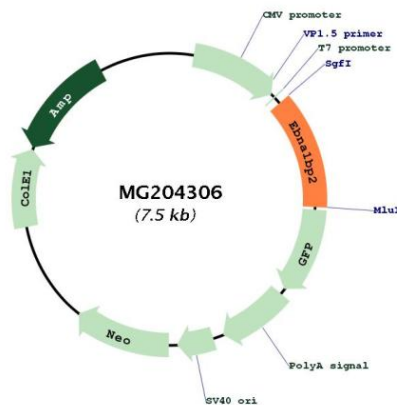
**Locus ID:** 69072

**UniProt ID:** [Q9D903](#)

**Cytogenetics:** 4 D2.1

**Gene Summary:** Required for the processing of the 27S pre-rRNA.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MG204306