

Product datasheet for **MG226101**

Ifnb1 (NM_010510) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ifnb1 (NM_010510) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ifnb1
Synonyms: Ifb; IFN-beta; IFNB
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG226101 representing NM_010510
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAACAACAGGTGGATCCTCCACGCTGCGTTCCTGCTGTGCTTCTCCACCACAGCCCTCTCCATCAACT
 ATAAGCAGCTCCAGCTCCAAGAAAGGACGAACATTCGAAATGTCAGGAGCTCCTGGAGCAGCTGAATGG
 AAAGATCAACCTCACCTACAGGGCGGACTTCAAGATCCCTATGGAGATGACGGAGAAGATGCAGAAGAGT
 TACTGCTTTGCCATCAAGAGATGCTCCAGAATGTCTTCTGTCTTCAGAAACAATTTCTCCAGCA
 CTGGGTGGAATGAGACTATTGTTGTACGCTCCTGGATGAACTCCACCAGCAGACAGTGTCTGAAGAC
 AGTACTAGAGGAAAAGCAAGAGGAAAGATTGACGTGGGAGATGTCTCAACTGCTCTCCACTTGAAGAGC
 TATTACTGGAGGGTGCAAAGGTACCTTAAACTCATGAAGTACAACAGCTACGCCTGGATGGTGGTCCGAG
 CAGAGATCTTCAGGAACTTTCTCATCATTCGAAGACTTACCAGAACTTCCAAAAAC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG226101 representing NM_010510
 Red=Cloning site Green=Tags(s)

MNNRWILHAAFLLCFSTTALSINYKQLQLQERTNIRKQELLEQLNGKINLTYRADFKIPMEMTEKMQKS
 YTAFAIQEMLQNVFLVFRNNSSTGWNETIVVRLLEDLHQQTVFLKTVLEEKQEERLTWEMSSTALHLKS
 YYWRVQRYLKLKMKYNSYAWMVVRAEIFRNFLIIRRLTRNFQN

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI



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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:	<u>NM_010510.1</u> , <u>NP_034640.1</u>
RefSeq Size:	770 bp
RefSeq ORF:	549 bp
Locus ID:	15977
UniProt ID:	<u>P01575</u>
Cytogenetics:	4 41.91 cM
Gene Summary:	Has antiviral, antibacterial and anticancer activities.[UniProtKB/Swiss-Prot Function]