

Product datasheet for **MG226772**

Junb (NM_008416) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Junb (NM_008416) Mouse Tagged ORF Clone
 Tag: TurboGFP
 Symbol: Junb
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-AC-GFP (PS100010)
 E. coli Selection: Ampicillin (100 ug/mL)
 ORF Nucleotide Sequence: >MG226772 representing NM_008416
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGCACGAAAATGGAACAGCCTTTCTATCACGACGACTTTACGCAGCGGGGATACGGTCGGAGCC
 CTGGCAGCCTGTCTCTACACGACTACAACTCCTGAAACCCACCTTGGCGCTCAACTGGCGGATCCCTA
 TCGGGTCTCAAGGTCTGGGGCGGGGTCCAGGCCGGAGGGCAGTGGGCAGGCAGTACTTTTCG
 GGTCAGGGATCAGACACAGGCGCATCTCTGAAGTAGCCTCCACGGAACGGAGCGCTTGATCGTCCCA
 ACAGCAACGGCGTGATCACGACGACGCCACGCCCTCCGGGACAGTACTTTTACCCCGTGGGGTGGCAG
 CGGTGGAGGTACAGGGGCGGGTCAACCGAGGAGCAGGAGGGCTTTGCGGACGGTTTTGTCAAAGCCCTG
 GACGACCTGCACAAGATGAACACGTGACGCCCCCAACGTGTCCTGGGCGCCAGCGGGGTCCCCAGG
 CTGGCCCAGGGGCGTCTATGCTGGTCCGGAGCCGCTCCCGTCTACACCAACCTCAGCAGTTACTCTCC
 AGCCTCTGCACCCCTCTGGAGGCTCCGGGACCGCGTCCGGACTGGGAGCTCATACCCGACGGCCACCATC
 AGCTACCTCCACATGCACCACCCTTTGCGGGCGGCCACCCGGCACAGCTGGGTTTGAGTCGTGGCGCTT
 CCGCCTTTAAAGAGGAACCGCAGACCGTACCGGAGGCACGCAGCCGCGACGCCACGCCCTGTGTCCCC
 CATCAACATGGAAGACCAGGAGCGCATCAAAGTGGAGCGAAAGCGGCTGCGGAACAGGCTGGCGGCCACC
 AAGTGCCGGAAGCGGAAGCTGGAGCGCATCGCGCCTGGAGGACAAGGTGAAGACTCAAGGCTGAGA
 ACGCGGGGCTGTCGAGTCTGCCGTCTCTAAGGGAGCAAGTGGCGCAGCTCAAGCAGAAGGTCATGAC
 CCATGTCAGCAACGGCTGCCAGTTGCTGCTAGGGTCAAGGGACACGCCTTC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG226772 representing NM_008416
 Red=Cloning site Green=Tags(s)

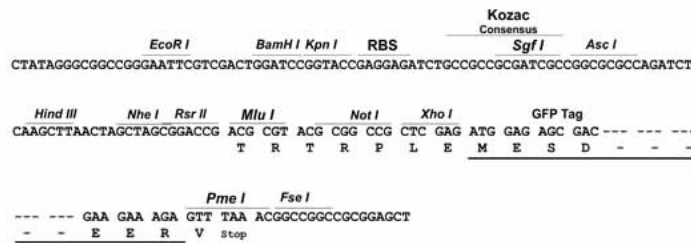
MCTKMEQPFYHDDSYAAAGYGRSPGSLSLHDYKLLKPTLALNLADPYRGLKGPARGPPEGSGAGSYFS
 GQGSDTGASLKLASTELELRLIVPNSNGVITTTPTPPGQYFYPRGGGSGGTGGGVTEEQEGFADGFVKAL
 DDLHKMNHVTPPNVSLGASGGPQAGPGGVYAGPEPPPVTNLSSYSPASAPSGGSGTAVGTGSSYPTATI
 SYLPHAPPFAGGHPAQLGLSRGASAFKEEPQTVPEARSRDATPPVSPINMEDQERIKVERKRLNRRLAAT
 KCRKRKLERIARLEDKVKTLKAENAGLSSAAGLLREQVAQLKQKVMTHVSNQCQLLLGVKGHAF

TRTRPLE - GFP Tag - V

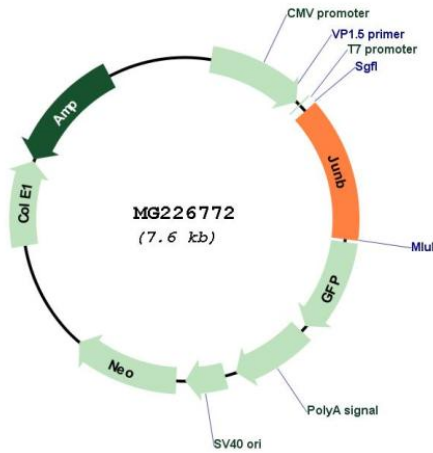
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_008416

ORF Size: 1032 bp

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|-------------------------------|---|
| 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_008416.2 , NP_032442.1 |
| RefSeq Size: | 1807 bp |
| RefSeq ORF: | 1035 bp |
| Locus ID: | 16477 |
| UniProt ID: | P09450 |
| Cytogenetics: | 8 41.41 cM |
| Gene Summary: | Transcription factor involved in regulating gene activity following the primary growth factor response. Binds to the DNA sequence 5'-TGA[CG]TCA-3'. [UniProtKB/Swiss-Prot Function] |