

Product datasheet for MR226772

Junb (NM_008416) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Junb (NM_008416) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Junb
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR226772 representing NM_008416 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGCACGAAAATGGAACAGCCTTTCTATCACGACGACTTTACGCAGCGGGGATACGGTCGGAGCC
CTGGCAGCCTGTCTCTACACGACTACAACTCCTGAAACCCACCTTGGCGCTCAACTGGCGGATCCCTA
TCGGGGTCTCAAGGGTCTGGGGCGGGGTCCAGGCCGGAGGGCAGTGGGGCAGGCAGCTACTTTTCG
GGTCAGGGATCAGACACAGGCGCATCTCTGAAGTAGCCTCCACGGAACGGAGCGCTTGATCGTCCCA
ACAGCAACGGCGTGATCACGACGACGCCACGCCCTCCGGGACAGTACTTTTACCCCGTGGGGTGGCAG
CGGTGGAGGTACAGGGGCGGCGTCACCGAGGAGCAGGAGGGCTTTGCGGACGGTTTTGTCAAAGCCCTG
GACGACCTGCACAAGATGAACCACGTGACGCCCCCAACGTGTCCCTGGGCGCCAGCGGGGTCCCCAGG
CTGGCCCAGGGGCGTCTATGCTGGTCCGGAGCCGCTCCCGTCTACACCAACCTCAGCAGTTACTCTCC
AGCCTCTGCACCCCTCTGGAGGCTCCGGGACCGCGTCCGGACTGGGAGCTCATACCCGACGGCCACCATC
AGCTACCTCCCACATGCACCACCCTTTGCGGGCGGCCACCCGGCACAGCTGGGTTTGAGTCGTGGCGCTT
CCGCCTTTAAAGAGGAACCGCAGACCGTACCGGAGGCACGCAGCCGCGACGCCACGCCCTGTGTCCCC
CATCAACATGGAAGACCAGGAGCGCATCAAAGTGGAGCGAAAGCGGCTGCGGAACAGGCTGGCGGCCACC
AAGTGCCGGAAGCGGAAGCTGGAGCGCATCGCGCCTGGAGGACAAGGTGAAGACACTCAAGGCTGAGA
ACGCGGGGCTGTCGAGTCTGCCGTCTCCTAAGGGAGCAAGTGGCGCAGCTCAAGCAGAAGGTCATGAC
CCATGTCAGCAACGGCTGCCAGTTGCTGCTAGGGTCAAGGGACACGCCTTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR226772 representing NM_008416
Red=Cloning site Green=Tags(s)

MCTKMEQPFYHDDSYAAAGYGRSPGSLSLHDYKLLKPTLALNLADPYRGLKGGARGPGPEGSGAGSYFS
 GQGSDTGASLKLASTELELRLIVPNSNGVITTTPTPPGQYFYPRGGGSGGGTGGGVTEEQEGFADGFVKAL
 DDLHKMNHVTPPNVSLGASGGPQAGPGGVYAGPEPPPVTNLSSYSPASAPSGGSGTAVGTGSSYPTATI
 SYLPHAPPFAGGHPAQLGLSRGASAFKEEPQTVPEARSRDATPPVSPINMEDQERIKVERKRLRNRLAAT
 KCRKRKLERIARLEDKVKTLKAENAGLSSAAGLLREQVAQLKQKVMTHVSNCGQLLLGVKGHAF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_008416

ORF Size: 1032 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_008416.1](#), [NM_008416.2](#), [NM_008416.3](#), [NP_032442.1](#)

RefSeq Size: 1807 bp

RefSeq ORF: 1035 bp

Locus ID: 16477

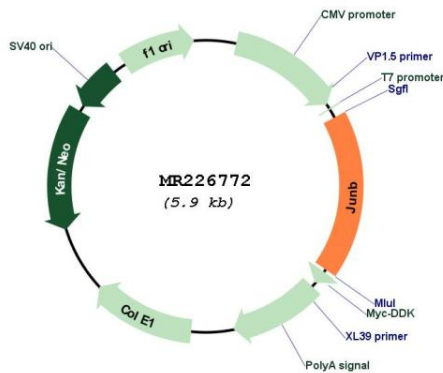
UniProt ID: [P09450](#)

Cytogenetics: 8 41.41 cM

MW: 36.2 kDa

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]

Product images:



Circular map for MR226772