

## Product datasheet for **RR205787**

### Junb (NM\_021836) Rat Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Junb (NM\_021836) Rat Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Junb  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RR205787 representing NM\_021836  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGTGCACGAAAATGGAACAGCCTTTCTATCACGACGACTCATACGACGGCAGGATACGGTCGGAGCC  
CTGGCAGTCTTTCTTTACGACTACAACTCCTGAAACCCACCTAGCGCTCAACTGGCAGATCCTTA  
TCGGGGTCTCAAGGGTCTGGGGCGGGGTCCAGGCCAGAGGGCAGTGGGGCAGGCAGTACTTTTCG  
GGTCAGGGATCAGACACAGGCGCATCTCTGAAGCTAGCCTCCACGGAAGTGGAGCGCTTGATCGTCCCA  
ACAGCAACGGCGTGATCACGACGACGCCACGCCCTCCGGACAGTACTTTTACCCCGTGGGGCGGCAG  
CGGCGGAGGTACAGGGGCGGCGTCACCGAGGAGCAGGAGGGCTTTGCGGACGGTTTTGCAAAGCCCTG  
GACGACCTGCACAAGATGAACCACGTGACGCCCCCAACGTGTCTCTGGGCGCCAGCGGGGTCCCCAGG  
CCGGGCTGGGGCGTCTATGCTGGTCCGGAGCCGCTCCGGTCTACACCAACCTCAGCAGTTACTCCC  
AGCCTCTGCACCCTCTGGAGTTCCGGGACCGCGTCCGGACTGGGAGCTCATACCCGACGGCCACCATC  
AGCTACCTCCACATGCACCACCCTTTGCGGGCGGCCACCGGCGCAGTGGGCTTGAGTCGCGGCGCTT  
CCGCCTTAAAGAGGAACCGCAGACCGTACCGGAGGCACGCAGCCGCGACGCCACGCCCTGTGTCCCC  
CATCAACATGGAAGACCAGGAGCGCATCAAAGTGGAGCGAAAGCGGCTGCGGAACAGGCTGGCGGCCACC  
AAATGCCGGAAGCGGAAGCTGGAGCGCATCGCGCCCTGGAGGACAAGGTGAAGACACTAAGGCTGAGA  
ACGCGGGGCTGTCAAGTACTGCCGGCCTCTACGGGAGCAAGTGGCGCAGCTCAAGCAGAAGGTCATGAC  
CCACGTACGAAACGGCTGCCAGTTGCTGCTAGGGGTCAAGGGACACGCCTTC

**ACGCGT**ACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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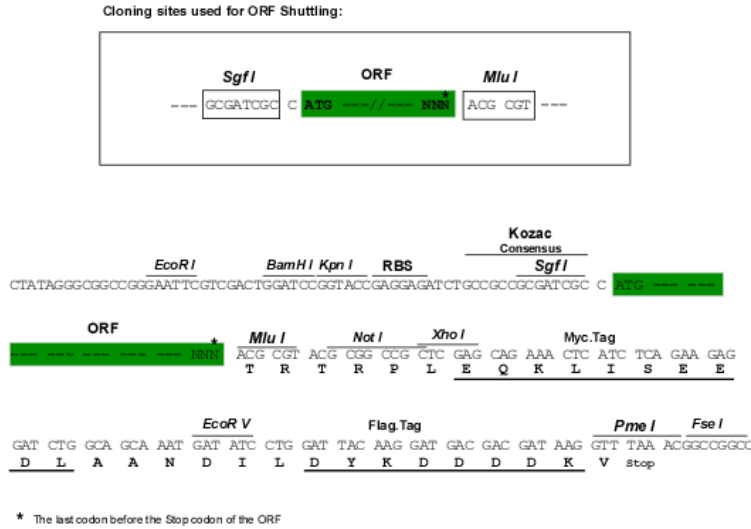
**Protein Sequence:** >RR205787 representing NM\_021836  
 Red=Cloning site Green=Tags(s)

MCTKMEQPFYHDDSYAAAGYGRSPGSLSLHDYKLLKPTLALNLADPYRGLKGPARGPGPEGSGAGSYFS  
 GQGSDTGASLKLASTELERLIVPNSNGVITTTPTPPGQYFYPRGGSGGGTGGGVTEEQEGFADGFVKAL  
 DDLHKMNHVTPPNVSLGASGGPQAGPGGVYAGPEPPPVTNLSSYSPASAPSGGSGTAVGTGSSYPTATI  
 SYLPHAPPFAGGHPAQLGLSRGASAFKEEPQTVPEARSRDATPPVSPINMEDQERIKVERKRLRNRLAAT  
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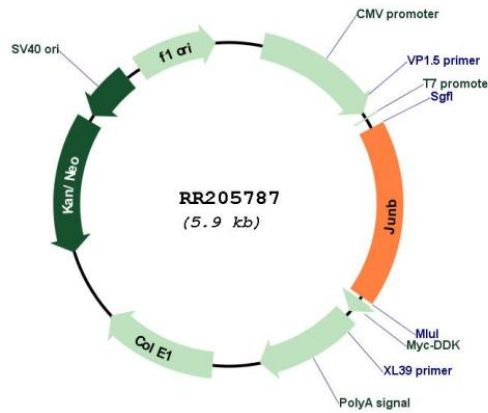
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**Plasmid Map:**



**ACCN:** NM\_021836

<b>ORF Size:</b>	1032 bp
<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_021836.2</a> , <a href="#">NP_068608.2</a>
<b>RefSeq Size:</b>	1822 bp
<b>RefSeq ORF:</b>	1035 bp
<b>Locus ID:</b>	24517
<b>UniProt ID:</b>	<a href="#">P24898</a>
<b>Cytogenetics:</b>	19q11
<b>MW:</b>	35.8 kDa
<b>Gene Summary:</b>	transcription factor; involved in transcriptional regulation [RGD, Feb 2006]