

Product datasheet for **SC118763**

JUNB (NM_002229) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JUNB (NM_002229) Human Untagged Clone
Tag:	Tag Free
Symbol:	JUNB
Synonyms:	AP-1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_002229, the custom clone sequence may differ by one or more nucleotides

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ATGTGCACTAAAATGGAACAGCCCTTCTACCACGACGACTCATACACAGCTACGGGATACGGCCGGGCC  
CTGGTGGCCTCTCTACACGACTACAACTCCTGAAACCGAGCCTGGCGGTCAACCTGGCCGACCCTA  
CCGGAGTCTCAAAGCGCCTGGGGCTCGCGGACCCGGCCAGAGGGCGCGGTGGCGGCAGCTACTTTCT  
GGTCAGGGCTCGGACACCGGCGCTCTCTCAAGCTCGCCTCTTCGGAGCTGGAACGCCTGATTGTCCCA  
ACAGCAACGGCGTGATCACGACGACGCCTACACCCCGGGACAGTACTTTTACCCCGCGGGGTGGCAG  
CGGTGGAGGTGCAGGGGGCGCAGGGGGCGCGTCAACGAGGAGCAGGAGGGCTTCGCCGACGGCTTTGTC  
AAAGCCCTGGACGATCTGCACAAGATGAACCACGTGACACCCCAACGTGTCCCTGGGCGTACCGGG  
GGCCCCCGGCTGGGCCCGGGGGCTCTACGCCGGCCCGGAGCCACCTCCGTTTACACCAACCTCAGCAG  
CTACTCCCAGCCTCTGCGTCTCGGGAGGCGCCGGGGCTGCCGTGCGGACCGGGAGCTCGTACCCGACG  
ACCACCATCAGCTACCTCCCACACGCGCCGCCCTTCGCCGGTGGCCACCCGGCGCAGCTGGGCTTGGCC  
GCGGCGCTCCACCTTCAAGGAGGAACCGCAGACCGTGCAGGAGGCGCGCAGCCGGGACGCCACGCCGCC  
GGTGTCCCCATCAACATGGAAGACCAAGAGCGCATCAAAGTGGAGCGCAAGCGGCTGCGGAACCGGCTG  
GCGGCCACCAAGTGCAGGAGCGGAAGCTGGAGCGCATCGCGCCTGGAGGACAAGGTGAAGACGCTCA  
AGGCCGAGAACCGGGGCTGTCGAGTACCGCCGGCCTCCTCCGGGAGCAGGTGGCCAGCTCAAACAGAA  
GGTCATGACCCACGTGAGCAACGGCTGTCAGCTGCTGCTTGGGGTCAAGGACACGCCCTTCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_002229 unedited
 TTGTAATACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCAGCCTCGGAGCCA
 GCAGGGAGCTGGGAGCTGGGGAAACGACGCCAGGAAAGCTATCGCGCCAGAGAGGGCGA
 CGGGGGCTCGGGAAGCCTGACAGGGCTTTTGCACACAGCTGCCGGCTGGCTGCTACCCGC
 CCGCGCCAGCCCCGAGAACGCGCGACCAGGCACCCAGTCCGGTACCCGACGCGGAGAGC
 TCGCCGCTCGTGCAGCGAGGCCCGGAGCGGCCCGCAGGGACCCTCCCCAGACCCGCTG
 GGCCCGCCGGATGTGCACTAAAATGGAACAGCCCTTCTACCACGACGACTCATAACAGC
 TACGGGATACGGCCGGGCCCTGGTGGCCTCTCTACACGACTACAACTCCTGAAACC
 GAGCCTGGCGGTCAACCTGGCCGACCCCTACCGAGTCTCAAAGCGCCTGGGGCTCGCGG
 ACCCGGCCAGAGGGCGGCGGTGGCGCAGCTACTTTTCTGGTACGGGCTCGGACACCGG
 CGCGTCTCTCAAGCTCGCCTCTTCGGAGCTGGAACGCCTGATTGTCCCAACAGCAACGG
 CGTGATCACGACGACGCCTACACCCCGGGACAGTACTTTTACCCCGCGGNGGTGGCAT
 CGGTGGAGGTGCANGGGGCGCATGGGGCGCGTACCGAGGAGCAGGATGGCTTCGCCGA
 CGGCTNTGTCAAAGCCCTGGACGATCTGCACAAGATGAACCACGTGACACCCCNACGT
 GTNCTGGGCGTACCGGGGGCCCCGGCTGGGCCCGGGGCGTCTACGCCGNGCCGGA
 GCCACCTNCCGTTTACACCACCTCAGCAGCTACTCCAGNCTCTGCGTNTCGGAAGGCG
 CCNNGGGCTGCGTCGGNACCCGGAGCTGTACCGACGAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_002229 unedited
 GGACCGCGGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTTTTTTTTTCACGCCT
 TAAATAAACTCTTTAAAGACTAAGTGCCTGTTTCTTTTCCACAGTACGGTGCAAAAAGG
 GGAGGGCAGGGGGCGGGGTCCCTTCCAATGTCCCGCGGGCTTGAGTACCAGGCGGC
 GGGGCCAGCTCCGCCGATCGCCCCCTTCCCCTCCCTGTTAAATACACAAATATATT
 ATATCAATATGAATCGAGTCTGTTTCCACCACAAAAAACATACAAAAAAGTGAA
 GGGGGGGCTTGCAACCGTCCAGGCGGAAGGACTGGCCCCACGGTAGGAGGGCCGGATCCC
 AGTGTGTTTTGCGGCGCCCTTAGGCCCCAGGGTGTGGTCCCACTCCCCTGCTCCCTGGGA
 CCCCACGGGTAGGGGTGCGCCCATCCGCCCTTCCGCCCTTTTCTGTACCGGCCCTG
 GTCCCCCTCCTAGGCTGTCTCTCTCCCCCCCCCCCCATTCTCCTCTCTGTTCTCCC
 TCCCCTCCCACTCTCCCATATCTCACCTCCTCGCCGACTCCCCCTCCAAGTCCCC
 CTTCTCCTTCCCCCATCCCCCTTCACTCATCTTTTATCCCACCTCCCCCCCCCTCA
 TCCTTCCCACCCCTTACCCCCGCGCTGTTTTGTCTACCCTTATCCCTCATCTCTCC
 CCCCCACGCCATAAATTTATCACCATTAATTCATCTTCTCCTTCTCCTCTTCTGCC
 CCCCCCTCTCGATATAGTATCCACCTTCGCATTCCCTCACCACTTCTCACCTTTCACC
 TCTCTCGCTTCTCCCCGTCTCTCCCTCCCCTCGCCACTCTCTCCCATCCATCATCC
 CTCCTACTCACTCATACCCCACCCCTCACTCCTCTCTCTCACACTCCCCACTCAC
 CCTTCTCCTTCTCCTCACCCCTC

Restriction Sites:

NotI-NotI

ACCN:

NM_002229

Insert Size:

1840 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_002229.2 , NP_002220.1
RefSeq Size:	1832 bp
RefSeq ORF:	1044 bp
Locus ID:	3726
UniProt ID:	P17275
Cytogenetics:	19p13.13
Domains:	BRLZ, Jun
Protein Families:	Druggable Genome, Transcription Factors
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]