

Product datasheet for SC116768

JUND (NM_005354) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JUND (NM_005354) Human Untagged Clone
Tag:	Tag Free
Symbol:	JUND
Synonyms:	AP-1
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_005354, the custom clone sequence may differ by one or more nucleotides

```
ATGGAACACCCTTCTACGGCGATGAGGCGCTGAGCGGCTGGGCGGCGGCCAGTGCCAGCGGCGGCA
GCTTCGCGTCCCGGGCCGTTGTTCCCGGGGCGCCCCGACGGCCGCGGCCGGCAGCATGATGAAGAA
GGACGCGCTGACGCTGAGCCTGAGTGAGCAGGTGGCGGCAGCGCTCAAGCCTGCGGCCGCGCCCTCT
ACCCCCCTGCGCGCCGACGGCGCCCCAGCGCGGCACCCCCGACGGCCTGCTCGCCTCTCCCGACTGG
GGCTGCTGAAGCTGGCCTCCCCGAGCTCGAGCGCCTCATCATCCAGTCCAACGGGCTGGTCACCACCAC
GCCGACGAGCTCACAGTTCCTCTACCCCAAGGTGGCGGCCAGCGAGGAGCAGGAGTTCGCCGAGGGCTTC
GTCAAGGCCCTGGAGGATTTACACAAGCAGAACCAGCTCGGCGGGGCGCGGCCGCTGCCGCCGCGCCG
CCGCCCGGGGGGCCCTCGGGCACGGCCACGGGCTCCGCGCCCCCGGGCAGCTGGCCCCGGCGGCGGC
CGCGCCCGAAGCGCCTGTCTACGCGAACCTGAGCAGCTACGCGGGCGGCGCCGGGGGCGCGGGGGCGCC
GCGACGGTCGCTTCGCTGCCGAACCTGTGCCCTTCCCGCCGCGCCACCCCCAGGCGCCTTGGGGCCG
CGCGCCTGGCTGCGCTCAAGGACGAGCCACAGACGGTCCCCGACGTGCCGAGCTTCGGCGAGAGCCCGCC
GTTGTGCCCCATCGACATGGACACGCAGGAGCGCATCAAGGCGGAGCGCAAGCGGCTGCGCAACCGCATC
GCCGCTCCAAGTGCCGCAAGCGCAAGCTGGAGCGCATCTCGCGCTGGAAGAGAAAGTGAAGACCCTCA
AGAGTCAGAACACGGAGCTGGGTCACGGCGAGCCTGCTGCGGAGCAGGTGGCGCAGCTCAAGCAGAA
AGTCTCAGCCACGTCAACAGCGGCTGCCAGCTGCTGCCCCAGCACCAGGTGCCCGCTACTGA
```



[View online »](#)

5' Read Nucleotide Sequence: >OriGene 5' read for NM_005354 unedited
 TGTCGGGATAGGNATACGATTTCATATAGGCGGCCCGCAATTCGCACGAGGGATGGAAC
 ACCCTTCTACGGCGATGAGGCGCTGAGCGGCCTGGGCGGCGGCCAGTGGCAGCGGCGG
 CAGCTTCGCGTCCCCGGGCGCTTGTCCCCGGGGCGCCCCGACGGCCGCGGCCGCGAG
 CATGATGAAGAAGGACGCGCTGACGCTGATCCTGAGTGAGCAGGTGGCGGCAGCGCTCAA
 GCCTGCGGCGCGCCCTCTACCCCCCTGCGCGCCGACGGCGCCCCAGCGCGGACCC
 CCCCACGGCCCTGCTCGCTCTCCCGACCTGGGGCTGCTGAAGCTGGCCTCCCCCGAGCT
 CGAGCGCCTCATCATCCAGTCCAACGGGCTGGTCACCACCACGCGACGAGCTCACAGTT
 CCTCTACCCCAAGGTGGCGGCCAGCGAGGAGCAGGAGTTCGCCGAGGGCTTCGTCAAGGC
 CCTGGAGGATTTACACAAGCAGAACCAGCTCGGCGCGGGCGCGGCCGCTGCCGCCCGCT
 CGCCGCGCTCGGGGGGCCCTCGGGCACGGCCACCGGCTCCGCGCTCCGGCGAGTTGGCC
 CCGGGGGGCGCGCCGAAGCGCTGTCTACCCGAACCTGATCGCTTCCCCGGCGCGC
 CGGGGGCGCGGGGGCGCCCCGACCGCCGCTTCTGCCGAACCTGTGTCTTTCCGTC
 GCCGCCACCCCCAGCCCTGTTGGGCCCGCGCCTGGCTTGCTTAAAGACCACCCCC
 ATACGGTGCCCCGACGTTCCCACTTTTCGCGAGAACCAGCCGCTTGTTCGCCCTCGACTGG
 GCCACCAGGATCCCTCCAGGCGGTACCAAACGGCTGTCCACCACAATGCGTCTCTAAT
 GCCCAAGCGCAATTG

3' Read Nucleotide Sequence: >OriGene 3' read for NM_005354 unedited
 GGACCGGGGCCCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTGGCGTAACGAGACT
 TTAATAAAAACAGAAAACCGGGCGAACCAAGGATTACAAAACAGGAATGTGGACTCGTAGC
 AAAACAAAACAAAACAGAACAAAAAGGGAGGGGGACCGGTCGAAAGAACCAGGGGG
 GAGCGAGATCGAGGAAAGGGGCGGAGAATTTTTTTTCTTCTCCATTTCTTTAAAAA
 CCAACACAAGAAAACACACACACACAACCAACGTTTGTCCCGAGTAGAAACATAAAT
 AGGGCAGAATCGAACACTCTGTCTTCTCTTCAAAGGAAAAAAAAAAAAAGTAAAAG
 TAAAGGAAAGGCAGGTTTGAGGCTGCGCCCCCTCGGAGCCTCCTTCCGCGGCGGGTGT
 ACAAGGGGACGCGAGACGCGGGGTTGTGCAACACGGGGCGCCGCGGGGGAAAG
 AGGCATCGCGAGGGCGGGGGGTGATGCGCTCCTCCACCGGAAGCAGGGGGAACATCTT
 GATAAGAACGGGGCGCCCTTCCAGAGCTGGATCACTTGGGGGGAATTAACGGGGACC
 CACTCCACTACAACTGGACACTTAAATAGGGACCTTTTTCTTCTTTTCTCCCC
 CCCTTCCCCCCCCCTACTAAATATGCTACCGCTCACCTGTCTCTCTGCTCATATTG
 TATATTAATTAACAATATCTCTGATCCCCCCCCCGCCTCACTCCTCCCTCATCTTC
 TCCACCAGCCCCCCCCCGAGGATTTCTTTCTCCCCCTCCCTCCTTCTCTC
 AATTTTACGCTCCGCTCTTTCTACTCTTTCTCCGGCCACATCATCTTGTTACTC
 CATACTTG

Restriction Sites: NotI-NotI

ACCN: NM_005354

Insert Size: 1280 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).

RefSeq: [NM_005354.2](#), [NP_005345.2](#)

RefSeq Size: 1891 bp

RefSeq ORF: 1044 bp

Locus ID: 3727

UniProt ID: [P17535](#)

Domains: BRLZ, Jun

Protein Families: Druggable Genome, Transcription Factors

Protein Pathways: MAPK signaling pathway

Gene Summary: The protein encoded by this intronless gene is a member of the JUN family, and a functional component of the AP1 transcription factor complex. This protein has been proposed to protect cells from p53-dependent senescence and apoptosis. Alternative translation initiation site usage results in the production of different isoforms (PMID:12105216). [provided by RefSeq, Nov 2013]

Transcript Variant: This variant (1) encodes two isoforms resulting from the use of alternative in-frame translation initiation codons. The longer isoform (JunD-FL) is derived from an upstream AUG (S1 ORF, PMID:12105216), while the shorter isoform (deltaJunD) is derived from a downstream AUG (S3 ORF, PMID:12105216). This RefSeq represents the longer isoform (JunD-FL).