

Product datasheet for **SC335218**

JUND (NM_001286968) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JUND (NM_001286968) Human Untagged Clone
Tag:	Tag Free
Symbol:	JUND
Synonyms:	AP-1
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001286968, the custom clone sequence may differ by one or more nucleotides

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ATGATGAAGAAGGACGCGCTGACGCTGAGCCTGAGTGAGCAGGTGGCGGCAGCGCTCAAGCCTGCGGCCG
CGCCGCTCTACCCCTGCGCGCCGACGGCGCCCCAGCGCGCACCCCGACGGCCTGCTCGCCTC
TCCCGACTGGGGCTGCTGAAGCTGGCCTCCCCGAGCTCGAGCGCCTCATCATCCAGTCCAACGGGCTG
GTCACCACCACGCCGACGAGCTCACAGTTCTCTACCCAAGGTGGCGGCCAGCGAGGAGCAGGAGTTTCG
CCGAGGGCTTCGTCAAGGCCCTGGAGGATTTACACAAGCAGAACCAGCTCGCGCGGGCGCGCCGCTGC
CGCCGCCCGCCGCGCCGGGGGGCCCTCGGGCACGGCCACGGCTCCGCGCCCCCGCGAGCTGGCC
CCGGCGGGCGCCGCGCCGAAGCGCCTGTCTACGCGAACCTGAGCAGCTACGCGGGCGCGCCGGGGGCG
CGGGGGCGCCGCGACGGTCGCCTTCGCTGCCGAACCTGTGCCCTTCCGCGCCGCCACCCCAAGGCGC
GTTGGGGCCGCGCGCCTGGCTGCGCTCAAGGACGAGCCACAGACGGTGCCCGACGTGCCGAGCTTCGGC
GAGAGCCCGCGTTCGCGCCATCGACATGGACACGCAGGAGCGCATCAAGGCGGAGCGCAAGCGGCTGC
GCAACCGCATCGCCGCTCCAAGTGCCGCAAGCGCAAGCTGGAGCGCATCTCGCGCTGGAAGAGAAAGT
GAAGACCCTCAAGAGTCAGAACACGGAGCTGGCGTCCACGGCGAGCCTGCTGCGCGAGCAGGTGGCGCAG
CTCAAGCAGAAAGTCCTCAGCCACGTCAACAGCGGCTGCCAGCTGCTGCCCCAGCACCAGGTGCCCGCT
ACTGA
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001286968



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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_001286968.1 , NP_001273897.1
RefSeq Size:	1963 bp
RefSeq ORF:	915 bp
Locus ID:	3727
UniProt ID:	P17535
Cytogenetics:	19p13.11
Protein Families:	Druggable Genome, Transcription Factors
Protein Pathways:	MAPK signaling pathway
Gene Summary:	<p>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]</p> <p>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 shorter isoform (deltaJunD).</p>