

Product datasheet for **RN216269**

Jund (NM_001286966) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Jund (NM_001286966) Rat Untagged Clone
Tag: Tag Free
Symbol: Jund
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN216269 representing NM_001286966
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCTGAAGAAAGACGCGCTGACGCTCAGCCTGGCGGAGCAGGGAGCGGGGATTGAAACCAGGGTCGG
CCACTGCACCTTCTGCATTGCGCCCCGACGGCGCCCCGACGGGTGCTGGCTTCGCCGGATCTTGGGCT
GCTCAAACCTCGCGTCGCGGAGCTGAAAGGCTGATCATCCAGTCCAACGGGTGGTGACCACCACCCCG
ACCAGTACGCAGTTCCTCTACCCTAAGGTGGCGGCCAGCGAGGAGCAGGAGTTCGCCGAAGGCTTCGTCA
AGGCGCTGGAGGACCTGCACAAGCAGAGCCAGCTGGGTGCGGCCACCGCGCCACCTCAGGGCTCCCGC
GCCCGCGCGCCCGGACCTGGCAGCCACCCCGGGGCCACGGAGACCCCGGTCTACGCCAACCTGAGC
AGTTTCGCGGGTGGCGCCGGCCCCCTGGGGCGCGGCCACAGTGGCCTTCGCCCGGAGCCAGTGCCTT
TCCCGCCGCCCGGGCGCGCTGGGGCCCGCCACCTCCGCATCCACCGCTCTGGCCGCGCTCAAGGA
CGAGCCGAGACCGTGGCGGACGTGCCGAGCTTCGGCGACAGCCCTCCACTGTGCCCATCGACATGGAC
ACGCAGGAACGCATCAAGGCGGAGCGCAAGAGGCTGCGCAACCGCATCGCCGCTTCCAAATGCCGAAGC
GCAAGCTGGAGCGTATCTCGCGCTGGAGGAGAAAGTCAAGACCCTCAAAGCCAGAACACCGAGCTGGC
GTCCACCGCGAGCCTGCTGCGCGAGCAGGTGGCGCAGCTCAAACAGAAAGTCTCAGCCACGTCAACAGC
GGTCCAGCTGCTGCCACAGCACCAGTCCCCGCGTAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI
ACCN: NM_001286966
Insert Size: 882 bp



[View online »](#)

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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_001286966.1</u> , <u>NP_001273895.1</u>
RefSeq Size:	1703 bp
RefSeq ORF:	882 bp
Locus ID:	24518
UniProt ID:	<u>P52909</u>
Cytogenetics:	16p14
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>