

Product datasheet for **RN203684**

Jund (NM_138875) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Jund (NM_138875) 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: >RN203684 representing NM_138875
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAACGCCCTTCTATGGCGAGGAGGCGCTGAGCGCCTGGCTGCGGGTGCCTCGAGCGTCGCTGGTG
CTGCTGGGGCCCCGGCGGTGGTGGCTTCGCGCCCCGGGCGCGCTTCCCGGGGCGCCCCAACGAG
CAGCATGCTGAAGAAAGACGCGCTGACGCTCAGCCTGGCGGAGCAGGGAGCGGGATTGAAACCAGGG
TCGGCCACTGCACCTTCTGCATTGCGCCCCGACGCGCCCCGACGGGCTGCTGGCTTCGCCGGATCTTG
GGCTGCTCAAACCTCGCGTCGCCGAGCTGGAAAGGCTGATCATCCAGTCCAACGGGCTGGTGACCACCAC
CCCCACCAGTACGAGTTCCTCTACCCTAAGGTGGCGGCCAGCGAGGAGCAGGAGTTCGCCGAAGGCTTC
GTCAAAGGCGCTGGAGGACCTGCACAAGCAGAGCCAGCTGGGTGCGGCCACCGCGGCCACCTCAGGGGCTC
CCGCGCCCCCGCGCCCGGACCTGGCAGCCACCCCCGGGGCCACGGAGACCCCGGTCTACGCCAACCT
GAGCAGTTTCGCGGGTGGCGCCGGGCCCTGGGGCGCGGCCACAGTGGCCTTCGCCCGGAGCCAGTG
CCCTTCCCGCCCCCGGGCGCGCTGGGGCCCGCCACCTCCGCATCCACCGCTTGCCCGCGCTCA
AGGACGAGCCGACAGCCGTGCCGACGTGCCGAGCTTCGGCGACAGCCCTCCACTGTCGCCCATCGACAT
GGACACGCAGGAACGCATCAAGGCGGAGCGCAAGAGGCTGCGCAACCGCATCGCCGCTTCCAATGCCGC
AAGCGCAAGCTGGAGCGTATCTCGGCCTGGAGGAGAAAGTCAAGACCCTCAAAAGCCAGAACCCGAGC
TGGCGTCCACCGGAGCCTGCTGCGCGAGCAGGTGGCGCAGCTCAAACAGAAAGTCTCAGCCACGTCAA
CAGCGGCTGCCAGCTGCTGCCAGCACCAGGTCCCCGCGTAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_138875
Insert Size: 1026 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).
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_138875.4 , NP_620230.1
RefSeq Size:	1703 bp
RefSeq ORF:	1026 bp
Locus ID:	24518
UniProt ID:	P52909
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 longer isoform (JunD-FL).</p>