

Product datasheet for **MC226847**

Jund (NM_001286944) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Jund (NM_001286944) Mouse Untagged Clone
Tag: Tag Free
Symbol: Jund
Synonyms: Jund1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226847 representing NM_001286944
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGCTGAAGAAAGACGCGCTGACGCTCAGCCTGGCGGAGCAGGGAGCGCGGGATTGAAACCAGGGTCGG
CCACTGCACCTTCTGCGCTGCGCCCCGACGGCGCCCCGACGGGCTGCTGGCTTCGCCGGATCTTGGGCT
GCTCAAACCTCGCGTCGCGGAGCTGGAGAGGCTGATCATCCAGTCCAACGGGCTGGTGACCACTACCCCG
ACCACTACGAGTTCCTCTACCCGAAGGTGGCAGCTAGCGAGGAGCAGGAGTTCGCCGAAGGCTTCGTCA
AGGCGCTGGAGGACCTGCACAAGCAAAGCCAGCTGGGTGCGGCCACCGCGCCACCTCAGGGGCTCCCGC
GCCTCCCGCGCCCGCGACCTGGCCGCCACCCCGGGGCCACGGAGACCCCGGTCTACGCCAACCTGAGC
AGTTTCGCGGGTGGCGCCGGGCCCTGGGGCGCGGCCACCGTGGCTTCGCCCGGAGCCAGTGCCCT
TCCCGCCGCCCGGGCGCGCTGGGGCCGCCACCTCCGCATCCACCGCGCTGGCCGCGCTCAAGGA
CGAGCCGAGACCGTGCCGAGCTGCCGAGCTTCGGCGACAGCCCTCCGTGTGCCCCATCGACATGGAC
ACGCAAGAAGCATCAAGCGGAGCGCAAGAGGCTGCGCAACCGCATCGCCGCTCCAAATGCCGAAGC
GCAAGCTGGAGCGTATCTCGCGCTGGAGGAGAAAGTCAAGACCTCAAAGCCAGAACACCGAGCTGGC
GTCCACCGCCAGCCTGCTGCGCGAGCAGGTGGCGCAGCTCAAACAGAAAGTCTCAGCCAGCTCAACAGC
GGCTGCCAGCTGCTGCCCCAGCACCAGTCCCGCGCTAC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001286944
Insert Size: 882 bp



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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).
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_001286944.1, NP_001273873.1</u>
RefSeq Size:	2894 bp
RefSeq ORF:	882 bp
Locus ID:	16478
Cytogenetics:	8 34.15 cM
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>