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Product datasheet for MC200652

Jund (NM_010592) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jund (NM_010592) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Jund
Synonyms:	Jund1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC010572 sequence for NM_010592 CGGACGCGTGGGCGGACGCGTGGGCGGGCAGCGGACTGGGGGGCATACGGGGCCCCCCGGGGAGGCCGCG GCCACTCCCCCCGCCCCGGGGCCGAGCGCGGCGGGGGAGGTGGGGATGGAAACGCCCTTCTATGGCGAGG AGGCGCTGAGCGGCCTGGCTGCGGGTGCGTCGAGCGTCGCTGGTGCTACTGGGGCCCCCGGCGGTGGTGG CTTCGCGCCCCCGGGCCGCGCTTTCCCCGGGGCGCCCCCGACGAGCAGCATGCTGAAGAAAGACGCGCTG ACGCTCAGCCTGGCGGAGCAGGGAGCGGCGGGATTGAAACCAGGGTCGGCCACTGCACCTTCTGCGCTGC GCCCCGACGGCGCCCCCGACGGGCTGCTGGCTTCGCCGGATCTTGGGCTGCTCAAACTCGCGTCGCCGGA GCTGGAGAGGCTGATCATCCAGTCCAACGGGCTGGTGACCACTACCCCGACCAGTACGCAGTTCCTCTAC CCGAAGGTGGCAGCCAGCGAGGAGCAGGAGTTCGCCGAAGGCTTCGTCAAGGCGCTGGAGGACCTGCACA AGCAAAGCCAGCTGGGTGCGGCCACCGCGGCCACCTCAGGGGCTCCCGCGCCTCCCGCGCCCGCCGACCT GGCCGCCACCCCCGGGGCCACGGAGACCCCGGTCTACGCCAACCTGAGCAGTTTCGCGGGTGGCGCCGGG CCCCCTGGGGGCGCGGCCACCGTGGCTTTCGCCGCGGAGCCAGTGCCCTTCCCGCCGCCCCCGGGCGCGC TGGGGCCGCCGCCACCTCCGCATCCACCGCGCCTGGCCGCGCTCAAGGACGAGCCGCAGACCGTGCCGGA CGTGCCGAGCTTCGGCGACAGCCCTCCGCTGTCGCCCATCGACATGGACACGCAAGAACGCATCAAGGCG GAGCGCAAGAGGCTGCGCAACCGCATCGCCGCCTCCAAATGCCGCAAGCGCAAGCTGGAGCGTATCTCGC GCCTGGAGGAGAAAGTCAAGACCCTCAAAAGCCAGAACACCGAGCTGGCGTCCACCGCCAGCCTGCTGCG CGAGCAGGTGGCGCAGCTCAAACAGAAAGTCCTCAGCCACGTCAACAGCGGCTGCCAGCTGCTGCCCCAG CACCAGGTCCCGGCGTACTGAGCCCGAGCGCGGGGCGCATGCGCGGACTAGCTGCGGTGGGGGGGCGCCC CGGACTCTTTCGAGACTCGGTGCCCCCGGACTCGACAAGCCGGACCCCCCTTAACTCTGGATGGGGAACC CGAGCGCACGACCCCCGCCCTCGCGCCGCCTCTCTACCCCCAGTCCTGCGCGTGGCTGCCCCTTTGTACC TCCGAGTAGGGGCTCTAAGGGGCGCGCAGCCTCACGCTCTGCCTTTCCTTTTTTTTTTGCCTTTTGGAAG AGAGAACGGGAGTGTCCGATTCCGCCCTATTTATGTTTCTACTCGGGAACAAACGTTGGTTGCGTGTTGA GTGTGTGTTTCCTTGTGTTGGTTTTTTAAAGAAACGGGAAGAAGAAAAAAAAAACCCTCCCCCCTCCCCC CCCCGCTCTCTCTCCTCCCGACACCATCCCCTCTCTTTTTGTTTGGTTTTGTTTTGCTACGAGTCCACAT TCCTGTTCCGTAATCCTTGGTTCGCCGGTTTTGTGTTTTCAGTAAAGTCTTCGTTACGCCAAAAAAAAAA AAAA
Restriction Sites:	RsrII-NotI

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ACCN:	NM_010592
Insert Size:	1026 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).
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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	BC010572, AAH10572
RefSeq Size:	1684 bp
RefSeq ORF:	1026 bp
Locus ID:	16478
UniProt ID:	P15066
Cytogenetics:	8 34.15 cM
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).

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