

## Product datasheet for **MC208799**

### Jun (NM\_010591) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Jun (NM_010591) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Jun
Synonyms:	AP-1; c-jun; Junc
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_010591, the custom clone sequence may differ by one or more nucleotides

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ATGACTGCAAAGATGAAACGACCTTCTACGACGATGCCCTCAACGCCTCGTTCCCTCCAGTCCGAGAGCG
GTGCCACGGCTACAGTAACCCTAAGATCCTAAAACAGAGCATGACCTTGAACCTGGCCGACCCGGTGGG
CAGTCTGAAGCCGCACCTCCGCGCAAGAAGTCCGACCTTCTCACGTCGCCCGACGTCGGGCTGCTCAAG
CTGGCGTCGCCGAGCTGGAGCGCTGATCATCCAGTCCAGCAATGGGCACATCACCCTACACCGACCC
CCACCCAGTTCTGTGCCCAAGAACGTGACCGACGAGCAGGAGGGCTTCGCCGAGGGCTTCGTGCGCGC
CCTGGCTGAAGTGCATAGCCAGAACACGCTTCCCAG : TGTCACCTCCGCGGCACAGCCGGTCAGCGGGG
GGGCATGGTGGCTCCCGGGTGGCTCAGTAGCAGGCGCTGGCGGGTGGTGGCTACAGGCCAGCCTG
CACAGTGAAGCCTCCGGTCTACGCCAACCTCAGCAACTTCAACCCGGGTGCCTGAGCAGCGCGGTGGGG
CGCCCTCCTATGGCGCGGCCGGCTGGCCTTCCCTCGCAGCCGACGAGCAGCAGCAGCAGCCGCTCAGCC
GCCGCACCACTTGCCCAACAGATCCCGGTGCAGCACCCGCGGTGCAAGCCCTGAAGGAAGAGCCGAG
ACCGTGCCGGAGATGCCGGGAGAGACGCCGCCCTGTCCCTATCGACATGGAGTCTCAGGAGCGGATCA
AGGCAGAGAGGAAGCGCATGAGGAACCGCATTGCCGCCTCAAGTGCCGAAAAGGAAGCTGGAGCGGAT
CGCTCGGCTAGAGGAAAAAGTAAAACCTTAAAAGCGCAAACTCCGAGCTGGCATCCACGGCCAACATG
CTCAGGGAACAGGTGGCACAGCTTAAGCAGAAAAGTCAAGAACAGGTTAACAGTGGGTGCCAACTCATGC
TAACGCAGCAGTTGCAAACGTTTTGA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_010591
Insert Size:	1005 bp



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<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC021888</a> , <a href="#">AAH21888</a>
<b>RefSeq Size:</b>	1983 bp
<b>RefSeq ORF:</b>	1005 bp
<b>Locus ID:</b>	16476
<b>UniProt ID:</b>	<a href="#">P05627</a>
<b>Cytogenetics:</b>	4 43.34 cM
<b>Gene Summary:</b>	Transcription factor that recognizes and binds to the enhancer heptamer motif 5'-TGA[CG]TCA-3' (PubMed:14707112). Promotes activity of NR5A1 when phosphorylated by HIPK3 leading to increased steroidogenic gene expression upon cAMP signaling pathway stimulation (PubMed:17210646). Involved in activated KRAS-mediated transcriptional activation of USP28 (By similarity). Binds to the USP28 promoter (By similarity). [UniProtKB/Swiss-Prot Function]