

## Product datasheet for **MC226018**

### Jdp2 (NM\_001205053) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Jdp2 (NM\_001205053) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Jdp2  
**Synonyms:** Jundm2; Jundp2; TIF  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC226018 representing NM\_001205053  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGATGCCTGGGCAGATCCCAGACCCCTCAGTGACCGCAGGCTCTCTGCCAGGGCTCGGCCCCCTCACCG  
 GACTTCCCAGCTCTGCTCTGACCACAGAGGAGCTGAAATACGCTGACATCCGCAACATTGGGGCGATGAT  
 TCGGCCCTTGCACTTCTGGAGGTGAACTGGGCAAGAGGCCCAACCCGTGAAGAGTGAGCTAGACGAG  
 GAAGAAGAGCGAAGGAAAAGGCGCCGGGAAAAGAACAAGTGCCTGCAGCCAGATGCCGGAACAAGAAGA  
 AGGAACGCACAGAGTTTCTGCAGAGGGAGTCAGAGCGGCTGGAGCTCATGAACGCAGAGCTGAAGACGCA  
 GATAGAGGAGCTGAAGCTGGAGCGGCAACAGCTTATCCTGATGCTCAACCGCCACCGCCCCACCTGCATC  
 GTGCGCACAGATAGCGTCAGGACGCCCGAGTCCGAAGGCAACCCACTGCTGGAGCAGCTGGACAAGAAGT  
 GA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001205053  
**Insert Size:** 492 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).



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<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<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="#">NM_001205053.1</a> , <a href="#">NP_001191982.1</a>
<b>RefSeq Size:</b>	1559 bp
<b>RefSeq ORF:</b>	492 bp
<b>Locus ID:</b>	81703
<b>UniProt ID:</b>	<a href="#">P97875</a>
<b>Cytogenetics:</b>	12 D2
<b>Gene Summary:</b>	<p>Component of the AP-1 transcription factor that represses transactivation mediated by the Jun family of proteins. Involved in a variety of transcriptional responses associated with AP-1, such as UV-induced apoptosis, cell differentiation, tumorigenesis and antitumogenesis. Can also function as a repressor by recruiting histone deacetylase 3/HDAC3 to the promoter region of JUN. May control transcription via direct regulation of the modification of histones and the assembly of chromatin (By similarity).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR, compared to variant 1. Variants 1, 2 and 3 encode the same protein. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>