

Product datasheet for **SC324763**

JDP2 (NM_001135049) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	JDP2 (NM_001135049) Human Untagged Clone
Tag:	Tag Free
Symbol:	JDP2
Synonyms:	JUNDM2
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001135049, the custom clone sequence may differ by one or more nucleotides ATGGTAGCAGGCTGGCCTGCCACTCCTCCTGCTATGATGCCTGGGCAGATCCCGGACCCCT TCGGTGACCACAGGCTCCCTGCCAGGGCTTGGCCCCCTGACCGGGCTCCCCAGCTCGGCC CTGACTGTGGAGGAGCTGAAATACGCTGACATCCGCAACCTCGGGGCCATGATTGCACCC TTGCACTTCTGGAGGTGAAACTGGGCAAGAGGCCCCAGCCCGTGAAAAGTGAGCTAGAT GAGGAAGAGGAGCGAAGGAAAAGCGCCGGGAGAAGAACAAGTCGCAGCAGCCCGATGC CGGAACAAGAAGAAGGAGCGCACGGAGTTTCTGCAGCGGGAATCCGAGCGGCTGGAACTC ATGAACGCAGAGCTGAAGACCCAGATTGAGGAGCTGAAGCAGGAGCGGCAGCAGCTCATC CTGATGCTGAACCGACACCGCCCCACCTGCATCGTCCGGACCGACAGTGTCAAGACCCCC GAGTCAGAAGGCAACCCACTGCTCGAGCAGCTCGAGAAGAAG
Restriction Sites:	Please inquire
ACCN:	NM_001135049
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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).



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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.

RefSeq: [NM_001135049.1](#), [NP_001128521.1](#)

RefSeq Size: 3960 bp

RefSeq ORF: 525 bp

Locus ID: 122953

UniProt ID: [Q8WYK2](#)

Cytogenetics: 14q24.3

Protein Families: Transcription Factors

Gene Summary: 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 antitumogeneris. 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.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (4) differs in the 5' UTR and 5' coding region, compared to variant 1. The resulting isoform (b) is longer at the N-terminus, compared to isoform a.
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The extent of this transcript is supported by transcript alignments.