

Product datasheet for **RR205665**

Jdp2 (NM_053894) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Jdp2 (NM_053894) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Jdp2
Synonyms: Jundm2; Jundp2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR205665 representing NM_053894
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGATGCCTGGGCAGATCCCAGACCTTCAGTGACCGCAGGCTCTCTGCCAGGGCTCGCCCCCTCACCG
GACTTCCCAGCTCTGCTCTGACCACAGAGGAGCTGAAATACGCTGACATCCGCAACATTGGGGCGATGAT
TGCGCCCTTGCACTTCTGGAGGTGAACTGGGCAAGAGGCCCAACCCGTGAAGAGTGAGCTAGATGAG
GAAGAAGAGCGAAGGAAAAGGCGCCGGGAGAAGAACAAGTTGCTGCAGCCAGATGCCGGAACAAGAAGA
AGGAGCGCACGGAGTTCCTGCAGAGGGAGTCAGAGAGGCTGGAGCTCATGAACGCAGAGCTAAAGACCCA
GATAGAGGAGCTGAAGCTTGAGAGGCAGCAGCTGATCCTGATGCTCAACCGCCACCGGCCACCTGTATC
GTGCGTACAGACAGCGTCAGGACGCCGGAGTCGGAAGGCAACCCGCTGCTGGAGCAGCTGGACAAGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR205665 representing NM_053894
Red=Cloning site Green=Tags(s)

MMPGQIPDPSVTAGSLPGLGPLTGLPSSALTTEELKYADIRNIGAMIAPLHFLEVKLGKRPQPVKSELDE
EEERRRRRREKNKVAARCRNKKKERTEFLQRESERLELMNAELKTQIEELKLERQQLILMLNRHPTCI
VRTDSVRTPESEGNPLLEQLDKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

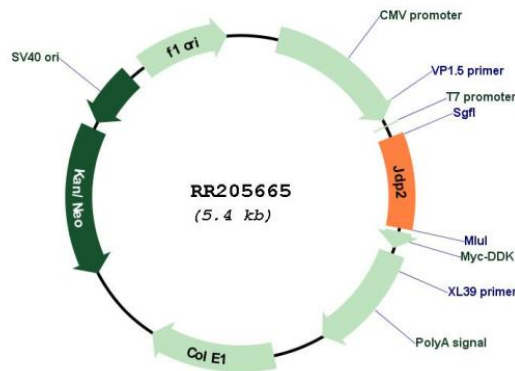
Restriction Sites: SgfI-MluI



Cloning Scheme:



Plasmid Map:



ACCN: NM_053894

ORF Size: 489 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_053894.1</u> , <u>NP_446346.1</u>
RefSeq Size:	878 bp
RefSeq ORF:	492 bp
Locus ID:	116674
UniProt ID:	<u>Q78E65</u>
Cytogenetics:	6q31
MW:	18.7 kDa
Gene Summary:	transcription factor that represses AP-1-mediated activation [RGD, Feb 2006]