

Product datasheet for **RR205900**

Jun (NM_021835) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Jun (NM_021835) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Jun
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR205900 representing NM_021835 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACTGCAAAGATGAAACGACCTTCTACGACGATGCCCTCAACGCCTCGTTCCTCCAGTCCGAGAGTG
GCGCCTACGGCTACAGTAACCCCTAAGATTCTGAAGCAGAGCATGACCTTGAACCTGGCCGACCCGGTGGG
CAATCTGAAGCCGACCTCCGAGCCAAGAAGCTCGGACCTTCTCAGTCGCCCCGACGTCGGGCTGCTCAAG
CTGGCGTCGCCCCGAGCTGGAGCGCCTGATCATCCAGTCCAGCAATGGGCACATCACCCTACACCGACCC
CCTCAGTTCCTGTGCCCAAGAAGCTGACCGACGAGCAGGAGGGCTTCGCCGAAGGCTTCGTGCGCGC
CCTAGCTGAAGTGCATAGCCAGAATACGCTGCCAGTGTACCTCCGCGGCACAACCTGTGAGTGGGGC
GGCATGGTCGCTCCCGCTGTGGCCTCAGTAGCTGGCGCTGGCGGCGGGCGGCTACAGCGCCAGCCTGC
ACAGTGAAGCTCCGGTCTACGCCAACCTCAGCAACTTCAACCCGGGTGCGCTGAGCAGCGGGCTGGGGC
GCCCTCCTATGGCGGACCGGGCTGGCCTTTCATCGCAGCCCCAGCAGCAGCAGCGCCCTCAGCCG
CCGCACCACTTGCCCCAACAGATCCCGGTGCAGCACCCCGGCTGCAGGCGCTGAAGGAAGACCCGAGA
CGGTGCCGGAGATGCCGGGAGAGACGCCCTTGTCCCCATCGACATGGAGTCTCAGGAGCGGATCAA
GGCGGAGAGGAAGCGCATGAGGAACCGCATCGCTGCCTCCAAGTCCCGGAAAAGGAAGCTGGAGCGGATC
GCCCGGCTAGAGGAAAAAGTAAAACTTAAAAGCGCAAACTCCGAGCTGGCGTCCACGGCCAACATGC
TCAGGGAACAGGTGGCACAGCTTAAACAGAAAGTCATGAACCACGTTAACAGTGGGTGCCAACTCATGCT
AACGCAGCAGTTGCAAACGTTT

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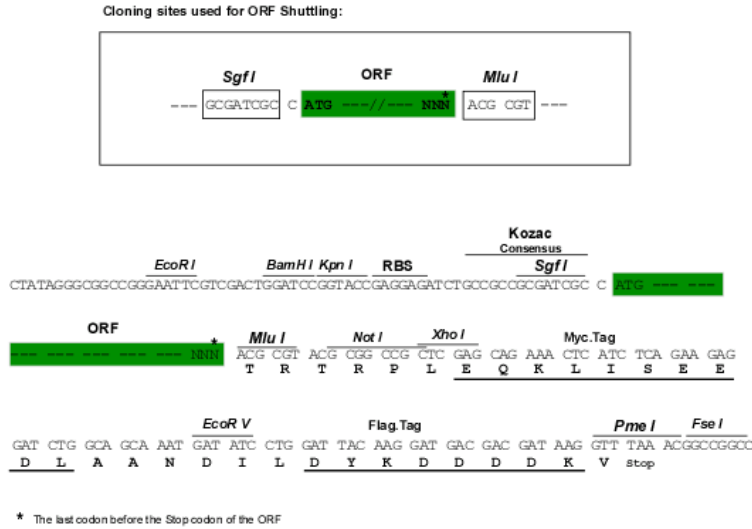
Protein Sequence: >RR205900 representing NM_021835
Red=Cloning site Green=Tags(s)

MTAKMETTFYDDALNASFLQSESGAYGYSNPKILKQSMNLNADPVGNLKPHLRRAKNSDLLTSPDVGLLK
 LASPELERLIIQSSNGHITTTPTPTQFLCPKNVTDEQEGFAEGFVRALAEHLSQNTLPSVTSAAQPVSGA
 GMVAPAVASVAGAGGGGGYSASLHSEPPVYANLSNFNPGALSSGGGAPSYGATGLAFPSQPQQQQPPQP
 PHHLPQQIPVQHPRLQALKKEEPQTVPEMPGETPPLSPIDMESQERIKAEKRMRNRRIAASKCRKRLERI
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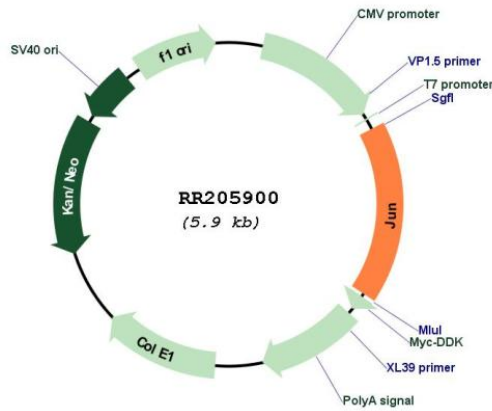
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_021835

ORF Size:	1002 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:	NM_021835.3 , NP_068607.1
RefSeq Size:	3107 bp
RefSeq ORF:	1005 bp
Locus ID:	24516
UniProt ID:	P17325
Cytogenetics:	5q33
MW:	36 kDa
Gene Summary:	transcription factor; acts as a protooncogene [RGD, Feb 2006]