

Product datasheet for **RR203465**

Fos11 (NM_012953) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fos11 (NM_012953) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fos11
Synonyms: Fra-1; fra-1
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR203465 representing NM_012953
Red=Cloning site **Blue**=ORF **Green**=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTACCGAGACTTCGGGAACCGGGACCGAGTCCGGGGCTGGCAGCGCGTACGGTCGCCCCGCGCAGC
CCCAGCAAGCGCAGACACAGACAGTCCAGCAGCAGAAGTCCACCTTGTGCCAAGCATCAACGCTGTCAG
TGGCAGCCAGGAATTGCAGTGGATGGTGCAGCCTCATTTCTGGGACCCAGCGGTATCCCCGACCTCTG
ACCTATCCCCAGTACAGTCCCCCTCAGCCCCGACCAGGAGTCATACGAGCCCTAGGGCCACCTCCAGGGG
TGCAGCGCAGGCCCTGTGAGCAGATCAGCCCGGAGGAGGAAGAGCGCCGAGGGTGAACGCGAGCGGAA
CAAGCTAGCAGCTGCTAAGTGCAGAAACCGAAGAAAGGAATTGACAGACTTCTGCGAGCGGAGACCGAC
AAGTTGGAGGATGAGAAATCGGGGCTGCAGCGTGAGATCGAAGAGCTGCAGAAGCAGAAGGAACGCCTTG
AGCTGGTGTGGAAGCCCATCGCCCCATCTGCAAAATCCCAGAAGAAGACAAGAAGGACACAGGTGGTAC
CAGCAGCACGAGTGGGGCGGGTAGCCACCGGGCCCTGCCGCCAGTGCCTTGTATCTCCCTTTCTCCA
GGACCCGTACTTGAACCGAAGCACTGCATACCCACGCTCATGACCACACCCCTCTGACTCCTTTTA
CTCCGAGTCTGGTTTTACCTATCCTAGCACACCAGAGCCTTGTTCCTCAGCCCATCGAAAGAGTAGCAG
CAGCAGTGGTGACCCCTCCTCCGACCCCTAGGTTCTCCACACTCCTGGCTTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR203465 representing NM_012953
Red=Cloning site Green=Tags(s)

MYRDFGEPGPSSGAGSAYGRPAQPQQAQTQTVQQKFHLVPSINAVSGSQELQWMVQPHFLGPGSGYPRPL
 TYPQYSPQPVRPGVIRALGPPPGVRRRRCPEQISPEEEERRRVRERENKLAALKCRNRKELTDFLQAE
 KLEDEKSGLQREIEELQKQKERLELVLEAHRPICKIPEEDKDKDTGGTSSSTSGAGSPGRCRPVPCISLSP
 GPVLEPEALHTPTLMTTPSLTPFTPSLVFTYPSTPEPCSSAHRKSSSSSGDPSSDPLGSPDLLAL

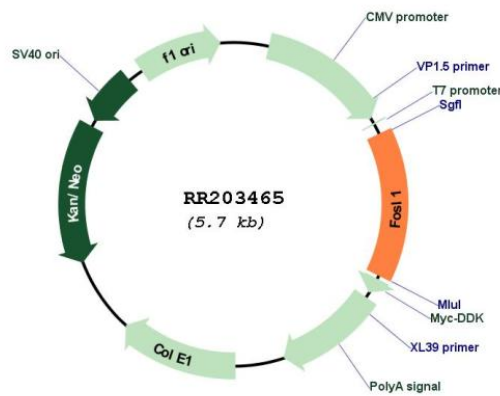
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_012953
ORF Size: 825 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_012953.1 , NP_037085.1
RefSeq Size:	1663 bp
RefSeq ORF:	828 bp
Locus ID:	25445
UniProt ID:	P10158
Cytogenetics:	1q43
MW:	30.1 kDa
Gene Summary:	protein, antigenically related to c-fos; involved in serum inducible cellular immediate-early transcriptional response [RGD, Feb 2006]