

Product datasheet for **RR209188**

Fosl2 (NM_001013146) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fosl2 (NM_001013146) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fosl2
Synonyms: Fra2
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR209188 representing NM_001013146
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTACCAGGATTATCCCGGAACTTTGACACCTCGTCCCGGGCAGCAGTGGCTCTCTGCGCACGCCG
AGTCTACTCCAGCGGTGGCGGGCCAGCAGCTGTCTCCGAAGAGGAGGAGAAGCGTCAATCCGGAG
GGAGAGAAACAAGCTGGCCGCTGCCAAGTGTGCGAACCGTCGACGTGAGCTGACGGAGAAGCTGCAGGCC
GAGACAGAGGAGCTGGAGGAGGAGAAGTCCGGTCTGCAGAAAGAAATCGCTGAGCTGCAGAAGGAGAAGG
AGAAGCTGGAGTTCATGCTGGTGGCTCACGGCCCTGTGTGCAAAAATCAGTCTGAGGAACCCGATCTCC
CCCCACCTCCGGGCTACAGTCTTACGCGGTACGGGCAGTGTGTGCGCCCTGTGGTGGTAAACAGGAG
CCTCTGAAGAGGACAGCCCTTCTCTCAGCAGGGATGGACAAGACCCAGCGCTCTGTCAAGCCCA
TTAGCATTGCTGGGGTGGTTTCTACGGGAAGAGCCTCTGCACACCCCATCGTGGTGACCTCCACACC
TGCCATCACTCCGGGCACTTCAAACCTTGTCTTACCTACCCAGTGTCTGGAGCAGGAGTGCCTGCG
TCGCCCTCCGAGTCTGTTCCAAGGCTCACCGCAGAAGCAGTAGCAGTGGGGACCAGTCATCAGACTCCT
TGAACCCCCACACTGCTGGCTCTG

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR209188 representing NM_001013146
Red=Cloning site Green=Tags(s)

MYQDYPGNFDTSSRGSSGSPAHAESYSSGGGGQQLSPEEEEKRRIRRRERKNLAAAKCRNRRRELTEKLQA
 ETEEEEEKSGLQKEIAELQKEKEKLEFMLVAHGPVCKISPEERRSPPTSGLQSLRGTGSVAVGPVVVKQE
 PPEEDSPSSSAGMDKTQRSVIKIPISIAGGGFYGEEPLHTPIVVTSTPAITPGTSNLVFTYPSVLQEESPA
 SPSESCSKAHRSSSSGDQSSDSLNSPTLLAL

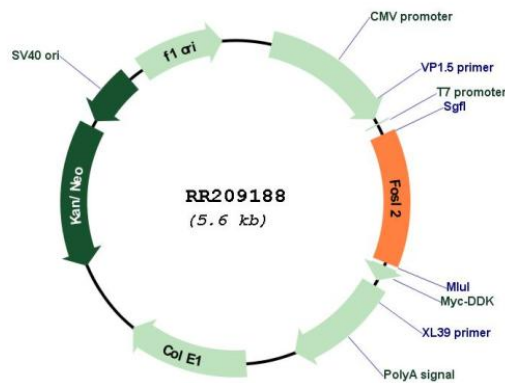
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001013146
ORF Size: 726 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_001013146.1 , NP_001013164.1
RefSeq Size:	729 bp
RefSeq ORF:	729 bp
Locus ID:	25446
Cytogenetics:	6q14
MW:	26.1 kDa
Gene Summary:	member of the Fos family of transcription factors with circadian regulation [RGD, Feb 2006]