

Product datasheet for **RR204984**

Fosl2 (NM_012954) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Fosl2 (NM_012954) 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: >RR204984 representing NM_012954
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTACCAGGATTATCCCGGAACTTTGACACCTCGTCCCGGGCAGCAGTGGCTCTCTGCGCACGCCG
 AGTCCTACTCCAGCGGTGGCGGGCCAGCAGAAGTTCGGGTAGATATGCCTGGCTCAGGCAGTGCCTT
 CATCCCCACAATCAACGCCATCACCACCAGCCAGGACCTGCAGTGGATGGTACAGCCCACAGTGATT
 ACCTCCATGTCCAACCCCTATCCGCGCTCGCACCCCTACAGCCCCTGCCAGGCTTGCGATCAGTCCCTG
 GGCACATGGCTCTCCCCAGACCAGGAGTGATCAAGACCATTGGTACCACCGTGGGCCGAGAAGGAGAGA
 TGAGCAGCTGTCTCCGAAGAGGAGGAGAAGCGTCAATCCGGCGAGAGAGAAACAAGCTGGCCGCTGCC
 AAGTGTCCGAACCGTCGACGTGAGCTGACGGAGAAGCTGCAGACGGAGACAGAGGAGCTGGAGGAGAGA
 AGTCCGGTCTGCAGAAAGAAATCGCTGAGCTGCAGAAGGAGAAGGAGAAGCTGGAGTTCATGCTGGTGGC
 TCACGGCCCTGTGTGCAAAATCAGTCTGAGGAACGCCGATCTCCCCACCTCCGGGTACAGTCTTA
 CGCGGTACGGGCAGTGTGTCCGCCCTGTGGTGGTGAACAGGAGCCTCCTGAAGAGGACAGCCCCCTCT
 CCTCAGCAGGGATGGACAAGACCCAGCGCTCTGTCATCAAGCCATTAGCATTGCTGGGGTGGTTCTTA
 CGGGGAAGAGCCTCTGCACACCCCATCGTGGTGACCTCCACACCTGCCATCACTCCGGGCACTTCAAAC
 CTTGTCTTCACTACCCAGTGTCTGGAGCAGGAGTCGCTGCGCTCCGAGTCTGTTCCAAGG
 CTCACCGCAGAAGCAGTAGCAGTGGGACCAGTATCAGACTCCTTGAATCCCCACTCTGCTGGCTCT
 G

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR204984 representing NM_012954
 Red=Cloning site Green=Tags(s)

MYQDYPGNFDTSSRGSSGSPAHAESYSSGGGGQKFRVDMPGSGSAFIPTINAITTTSDQLQWVQPTVI
 TSMNYPYRSHYPYSPPLGLRSVPGHMALPRPGVIKTIGTTVGRRRRDEQLSPEEEERKRRIRRNKLA
 KCRNRRRELTEKLQTEEELEEEKSGLQKEIAELQKEKELEFMLVAHGVPVKISPEERRSSPTSGVQSL
 RGTGSAVGPVVVKQEPPEEDSPSSSAGMDKTQRSVIKPI SIAGGGFYGEEPLHTPIVVTSTPAITPGT
 SNLVFTYPSVLEQESPASPSESCSKAHRSSSSGDSLNSPTLLAL

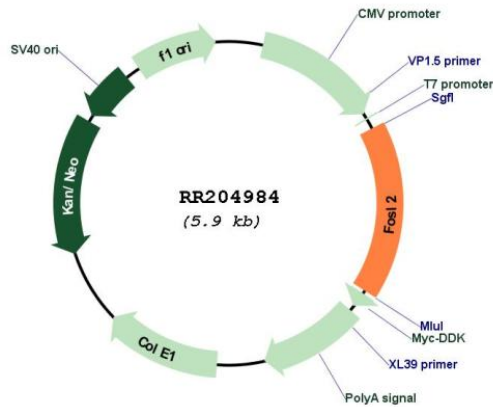
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_012954

ORF Size: 981 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_012954.1 , NP_037086.1
RefSeq Size:	984 bp
RefSeq ORF:	984 bp
Locus ID:	25446
UniProt ID:	P51145
Cytogenetics:	6q14
MW:	35.4 kDa
Gene Summary:	member of the Fos family of transcription factors with circadian regulation [RGD, Feb 2006]