

## Product datasheet for **RN209188**

### **Fosl2 (NM\_001013146) Rat Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Fosl2 (NM_001013146) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fosl2
Synonyms:	Fra2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209188 representing NM_001013146 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTACCAGGATTATCCCGGAACTTTGACACCTCGTCCCGGGCAGCAGTGGCTCTCCTGCGCACGCCG  
AGTCTACTCCAGCGGTGGCGCGGCCAGCAGCTGTCTCCGAAGAGGAGGAGAAGCGTCGAATCCGGAG  
GGAGAGAAACAAGCTGGCCGCTGCCAAGTGTCCGAACCGTCGACGTGAGCTGACGGAGAAGCTGCAGGCG  
GAGACAGAGGAGCTGGAGGAGGAGAAGTCCGGTCTGCAGAAAGAAATCGCTGAGCTGCAGAAGGAGAAGG  
AGAAGCTGGAGTTCATGTGGTGGCTCACGGCCCTGTGTGCAAAATCAGTCTGAGGAACGCCGATCTCC  
CCCCACCTCCGGGCTACAGTCTTACGCGGTACGGGCAGTGTGTGCGCCCTGTGGTGGTAAACAGGAG  
CCTCCTGAAGAGGACAGCCCTTCTCCTCAGCAGGGATGGACAAGACCCAGCGCTCTGTCATCAAGCCCA  
TTAGCATTGCTGGGGTGGTTTCTACGGGGAAGAGCCTCTGCACACCCCATCGTGGTGACCTCCACACC  
TGCCATCACTCCGGGCACTTCAAACCTTGTCTTACCTACCCAGTGTCTTGGAGCAGGAGTGCCTGCG  
TCGCCCTCCGAGTCTGTCCAAGGCTCACCGCAGAAGCAGTAGCAGTGGGGACCAGTATCAGACTCTT  
TGAACCCCCACACTGCTGGCTCT**GTA**A

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001013146
Insert Size:	729 bp



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<b>OTI Disclaimer:</b>	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001013146.1</a></u> , <u><a href="#">NP_001013164.1</a></u>
<b>RefSeq Size:</b>	729 bp
<b>RefSeq ORF:</b>	729 bp
<b>Locus ID:</b>	25446
<b>Cytogenetics:</b>	6q14
<b>Gene Summary:</b>	member of the Fos family of transcription factors with circadian regulation [RGD, Feb 2006] Transcript Variant: This variant (2) lacks an exon in the coding region compared to variant 1. The resulting protein (isoform 2) is shorter but has the same N- and C-termini compared to isoform 1.