

## Product datasheet for **MC216806**

### **Foxd2 (NM\_008593) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Foxd2 (NM_008593) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Foxd2
Synonyms:	AI426778; Mf2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC216806 representing NM\_008593  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGACCCTGGGCAGCTGCTGCTGCGAGATCATGTCTCCGAGAGCTCCCCGGCCGCGCTGTCTGAGCCCG  
 ACGCAGACATAGACGTGGTGGGCGGCGCAGCGGTGGGGGGAGCTCACAGCCCGCTCCGGCCCCGCGC  
 CCCTCGGGACGTGCTCCCTCACGGCCACGAGCCTCCCCGGAGGAAGCCGAGGCGGACGTGGCTGAGGAC  
 GAGGAAGAGTCGGGAGGTTGCTCTGACTGCGAGCCCCGCGCTCTAGCGCCCCGGGGGGCGGCGGCCGAG  
 CGGGAAGCCCGGGCCCCGGCGTGCAGGCAGCCGAGGCGCAACGGGGCCGGGGCCGGGACCCGGGCCGCGC  
 GTCGGGGGGCGCGGCACACGGAGCCCTCTGGTAAACCACCTTATTCTGACATCGCCCTCATCACCATG  
 GCCATCTGCAGAGCCCCAAGAAGCGCCTGACGCTGAGCGAGATCTGCGAGTTCATCAGCGGCCGCTTCC  
 CCTACTACCGGAGAAGTCCCTGCCTGGCAGAATAGCATCCGCCACAACCTCTCCCTCAACGACTGCTT  
 CGTTAAGATCCCCCGGAGCCGGCAACCCGGGCAAGGGCAACTACTGGACGCTCGACCCGGAGTCGGCC  
 GACATGTTGACAAACGGCAGTTTCTGCGGCGCCGCAAGCGCTTCAAGCGGACAGCCTCTGCGCCACCGC  
 ATCCACACCCGCATCCTCACCCGGAGTCTGTTGCGTGGCGGGGCTGCCGCGGCCGGGACCCTGGCGC  
 CTTCTCTCGAGCTTCGCCGCTTACGGCGCTTACGGCTACGGCTACGGGCTGGCGCTCCCGGCTACGGT  
 GCACCTCCACCGGGCCCGGCCACACCCGCATCCGCACCCGCACGCCTTCGCTTCGCCGCCACCGCGC  
 CTTGCCAGCTGTCAAGTCCCCCGGGCCGCGCCGCGGCCCTCTCCCGGACCTCCGACGGCTCGGTCTT  
 CGCAAGCGCGGCTCGGCGCCGGCCCTGCGCCTGCCCGGGATCGGCCGAGCCCCGAGGGCTGCCT  
 GCCTTCTAGGCGCAGAGCTGGGTTGCGCAAGGCTTTCTACCCCGCGTCTTGAATCCCCCGCAGCTG  
 GCACAGCGGCTAGCCTGTCCACTGCACCTCTGCTCAGGCGCTCAAGACGGACCGCGGTCGGTGGTGGC  
 TGGCGGGGGCGCGGGACAGGCCAGAGGCTTCTTTCTATAGACCACATCATGGGCCACGGTGGTGGC  
 GGGGCCGACCCCGGGCAGCGCGACGGTTCCTCGGGATCGCCATTGCGCGCAGCCGAGTCTGGGG  
 GTCAAGCCCAAGTCTTGCCATGCTGACTGCCCGGCCCTGACTCCGGTGGCTGGCCACATCCGCTCTC  
 GCACCCAGGGGACTCACTCCTGTCTCAGGGCCCTCGTTTCCAGCAAAGTCGCGGGCCTCAGTGCTGC  
 CACTTT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_008593
- Insert Size:** 1479 bp
- OTI Disclaimer:** 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).
- 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:**

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\\_008593.3](#), [NP\\_032619.1](#)

**RefSeq Size:** 2619 bp

**RefSeq ORF:** 1479 bp

**Locus ID:** 17301

**UniProt ID:** [O35392](#)

**Cytogenetics:** 4 52.73 cM

**Gene Summary:** Probable transcription factor involved in embryogenesis and somatogenesis.  
[UniProtKB/Swiss-Prot Function]