

## Product datasheet for **MR218575**

### **Foxd2 (NM\_008593) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Foxd2 (NM_008593) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Foxd2
Synonyms:	A1426778; Mf2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR218575 representing NM\_008593  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGACCCTGGGCAGCTGCTGCTGCGAGATCATGTCTCCGAGAGCTCCCCGGCCGCGCTGTCTGAGCCCG  
 ACGCAGACATAGACGTGGTGGGCGCGGCAGCGGTGGGGGGGAGCTCACAGCCCGCTCCGGGCCCGCGC  
 CCCTCGGGACGTGCTCCCTCACGGCCACGAGCCTCCCCGGAGGAAGCCGAGCGGACGTGGCTGAGGAC  
 GAGGAAGAGTCGGGAGGTTGCTCTGACTGCGAGCCCCGCGCTCTAGCGCCCCGGGGGGCGGCGGCCGAG  
 CGGGAAGCCCGGGCCCGCGCTGACGGCAGCCGAGGCGCAACGGGGCCGGGGCCGGGACCCGGGCCGCGC  
 GTCGGGGGGCGCGGCACACGGAGCCCTCTGGTAAACCACCTTATTCTGACATCGCCCTCATCACCATG  
 GCCATCTGCAGAGCCCCAAGAAGCGCCTGACGCTGAGCGAGATCTGCGAGTTCATCAGCGGCCGCTTCC  
 CCTACTACGGGAGAAGTCCCTGCCTGGCAGAATAGCATCCGCCACAACCTCTCCCTCAACGACTGCTT  
 CGTTAAGATCCCCCGGAGCCGGCAACCCGGGCAAGGGCAACTACTGGACGCTCGACCCGGAGTCGGCC  
 GACATGTTGACAAACGGCAGTTTCTGCGGCGCCGCAAGCGCTTCAAGCGGACGCTCTGCCGCCACCGC  
 ATCCACACCCGCATCCTACCCGGAGCTGCTGTTGCGTGGCGGGGCTGCCGCGGCCGGGGACCCTGGCGC  
 CTTCTCTCGAGCTTCGCCGCTTACGGCTACGGCTACGGCTACGGGCTGGCGCTCCCGGCTACGGT  
 GCACCTCCACCGGGCCCGGCCACACCCGCATCCGCACCCGCACGCCTTCGCTTCGCCGCCACCCGCGC  
 CTTGCCAGCTGTCAAGTCCCGGGCCGCGCCGCGCGCCCTCTCCCGGACTCCGACGGCTCGGTCTT  
 CGCAAGCGCGGCTCGGCGCCGGCCCTGCGCCTGCCCGGGATCGCCCGAGCCCGCAGGGCTGCT  
 GCCTTCTAGGCGCAGAGCTGGGTTGCGCAAGGCTTCTACCCCGCGTCTTGAAGTCCCCCGCAGCTG  
 GCACAGCGGCTAGCCTGTCCACTGCACCTCTGCTCAGGCGCTCAAGACGAGCCCGCGGCTGGTGGCGGG  
 TGGCGGGGGCGCGGGACAGGCCAGAGGCTTCTTTCTATAGACCACATCATGGGCCACGGTGGTGGC  
 GGGGCCGACCCCGGGCAGCGCGACGGTTCCTCCGGATCGCCATTGCGCGCAGCCGAGTCTGGGG  
 GTCAAGCCCAAGTCTTGCCATGCTGACTGCCCGGCCCTGACTCCGGTGGCTGGCCACATCCGCTCTC  
 GCACCCAGGGGACTACTCCTGTCTTCAAGGCCCTCGTTTCCAGCAAAGTCGCGGGCCTCAGTGGCTGC  
 CACTTT

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR218575 representing NM\_008593  
 Red=Cloning site Green=Tags(s)

MTLGSCCCEIMSESSPAALSEPDAIDIVVGGSGGGELTARSGPRAPRDVLPHGHEPPPEEAEADVAED  
 EEESGGCSDCEPRALAPRGAAAAGSPGPGVQAARGATGPGPGPPSSGGAATRSPLVKPPYSYIALITM  
 AILQSPKKRLTLEICEFISGRFPYYREKFPWQNSIRHNLNLNDCFVKIPREPGNPGKGNWYTLDPESA  
 DMFDNGSFLRRRKRFRQPLPPPHPHPHPELLLLRGAAAAGDPGAFLLSFAAYGAYGYGLALPAYG  
 APPPGPAPHPHPHAFFAAATAPCQLSVPPGRAAAPPPGPTASVFAASAAPAPAPAGSGPSPAGLP  
 AFLGAELGCAKAFYPASLSPPAAGTAASLSTALLRQGLKTDAGGGAGGGGAGTQQRPSFSIDHIMHG  
 GAAPPGSGDPSGSPFAAAAGPGGQAQVLAML TAPALTPVAGHIRLSHPGDSLLSSGSPFASKVAGLSGC  
 HF

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9041\\_d02.zip](https://cdn.origene.com/chromatograms/mm9041_d02.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_008593

**ORF Size:** 1476 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:**

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

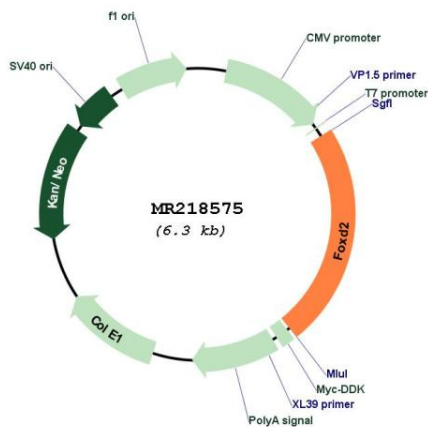
**UniProt ID:** [O35392](#)

**Cytogenetics:** 4 52.73 cM

**MW:** 49.4 kDa

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

**Product images:**



Circular map for MR218575