

## Product datasheet for **MR207714**

### **Foxg1 (NM\_001160112) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Foxg1 (NM_001160112) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Foxg1
Synonyms:	2900064B05Rik; BF-1; Bf1; Hfh9; Hfhbf1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide Sequence:**

>MR207714 representing NM\_001160112  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCTGGACATGGGAGATAGGAAAGAGGTGAAAATGATTCCTCAAGTCCTCGTTCCAGCATCAACAGCCTGG  
 TCCCCGAGGCCGTCCAGAACGACAACCACCACGCGAGCCACGGCCACCACAACAGCCACCACCCAGCA  
 TACCATCATCATCACCACCACCACCACCCGCCGCCGCCGCCAGCCGCTCCACCGCCGCCAG  
 CAGCAGCAGCAGCAGCCGCCCGGCCGAGCCCGCAGGCGCGCGGCCAGCAGCCGACGACG  
 ACAAGGTCCCCAGCCGCTCCTGCTCCGCCCTCCACCGCCCTGGACGGGGCCAAGGCTGACGCACTTGG  
 AGCCAAAGGCGAGCCGGGCGGGCCGGCGGAGCTGGCGCCCTCGGGCCGACGAGAAGGAGAAGGGC  
 GCGGGCGCCGGGGGAGGAGAAGAAAGGGGCGGGCGAGGGCGCAAGGACGGGGAGGGGGCAAGGAGG  
 GCGACAAGAAGAACGGCAAGTACGAGAAGCCGCTTACGCTACAACGCGCTCATCATGATGGCCATCAG  
 GCAGAGTCCCAGAACGCGCTGACGCTCAATGGCATCTATGAGTTCATCATGAAGAACTCCCTACTAC  
 CCGGAGAACAGCAGGGCTGGCAGAACTCCATCCGCCACAACCTGTCCCTCAACAAGTGCTTCGTGAAGG  
 TACCGCGCCACTACGACGACCCGGGCAAGGGCAACTACTGGATGCTCGACCCGTCGAGCGACGACGTGT  
 CATCGGGCCACGACCGCAAGCTGCGGCGCCGCTCCACCACGTCTCGGGCAAGCTGGCCTTTAAGCGC  
 GGGGCGCCCTCACCTCCACCGGCTCACCTTCATGGACCGCGCCGGCTCCCTCTACTGGCCATGTCGC  
 CCTTCTGTCCCTGCACCACCCCGCCAGCAGCACTTTGAGTTACAACGGGACCACGTCGGCCTACCC  
 CAGCCACCCATGCCCTACAGCTCCGTGTTGACTCAAACTCGTGGGCAACAACCACTCCTTCTCCACC  
 GCCAACGGGCTGAGTGTGACCGGCTGGTCAACGGGGAGATCCCGTACGCCACGCACCACCTCACGGCCG  
 CTCGCTCGCCGCTCGGTGCCCTGCGGCTGTGCGTCCCTGCTCGGGACCTACTCCCTCAACCCCTG  
 CTCCGTCAACCTGCTCGGGGCCAGACCAGTTACTTTTTCCCCACGTCCCGCACCCGCTCAATGACTTCG  
 CAGACCAGCAGTCCATGAGCGCCGGCCGCGTCTCTCTACGTCGCCGACGGCCCTCGACCTGC  
 CCTGTGAGTCTTTAAGACCCTCTTTGCCAAGTTTTACGACAGGACTGTCCGGGGACTGTCTGATTATT  
 CACACATCAAAATCAGGGGTCTTCTTCAACCCTTAATACAT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR207714 representing NM\_001160112  
 Red=Cloning site Green=Tags(s)

MLDMGDRKEVKMIPKSSFSINSLVPEAVQNDNHASHGHNSHHPQHSHHHHHHHHHPPPPAPQPPPPPPQ  
 QQQQQPPPPAPPPQARGAPAADDDKGPQLLLPPSTALDGAKADALGAKGEPGGGPAELAPVGPDEKEKG  
 AGAGGEEKKGAGEGGKDGEGGKEDKNGKYKPPFSYNALIMMAIRQSPEKRLTLNGIYEFIMKNFPYY  
 RENKQGWQNSIRHNLNLKCFVKVPRHYDDPGKGNWMLDPSSDDVFIGGTTGKLRRRSTTSRAKLAFKR  
 GARLTSTGLTFMDRAGSLYWPMSFPLSLHHPRASSTLSYNGTTSAYPSHPMPYSSVLTQNSLGNHFSFST  
 ANGLSVDRLVNGEIPYATHHLTAAALAASVPCGLSVPCSGTYSLNPCSVNLLAGQTSYFFPHVPHPSMST  
 QTSTSMSARAASSTSPQAPSTLPCESLRPSLPSFTTGLSGGLSDYFTHQNQGSSNPLIH

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9033\\_b08.zip](https://cdn.origene.com/chromatograms/mm9033_b08.zip)

**Restriction Sites:**

Sgfl-Mlul

**Cloning Scheme:**


**ACCN:** NM\_001160112

**ORF Size:** 1443 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\\_001160112.1](#), [NP\\_001153584.1](#)

**RefSeq Size:** 3986 bp

**RefSeq ORF:** 1446 bp

**Locus ID:** 15228

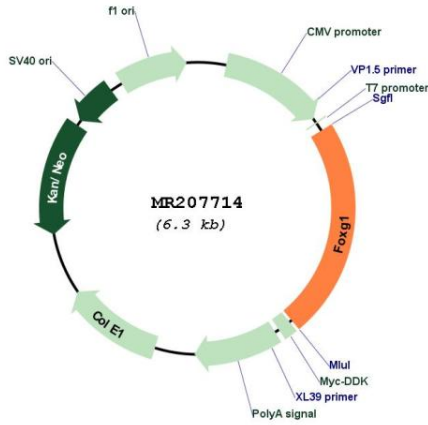
**UniProt ID:** [Q60987](#)

**Cytogenetics:** 12 21.78 cM

**MW:** 52.1 kDa

**Gene Summary:** Transcription repression factor which plays an important role in the establishment of the regional subdivision of the developing brain and in the development of the telencephalon. [UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for MR207714