

Product datasheet for **MC218177**

Foxg1 (NM_001160112) Mouse Untagged Clone

Product data:

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



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Fully Sequenced ORF: >MC218177 representing NM_001160112
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTGGACATGGGAGATAGGAAAGAGGTGAAAATGATTCCCAAGTCCTCGTTCCAGCATCAACAGCCTGG
 TCCCCGAGGCCGTCCAGAACGACAACCACCACGGAGCCACGGCCACCACAACAGCCACCACCCAGCA
 TACCATCATCATCACCACCACCACCACCCGCCGCCGCCCGCCGCCCCAGCCGCTCCACCGCCGCCAG
 CAGCAGCAGCAGCAGCCGCCCGCCCGCAGCCCGCAGGCGCGCGGCCAGCAGCCGACGACG
 ACAAGGGTCCCCAGCCGCTCCTGCTCCCGCCCTCCACCGCCCTGGACGGGGCCAAGGCTGACGCACTTGG
 AGCCAAAGGGCAGCCGGGCGGGCCGGCGGAGCTGGCGCCCGTCCGGCCGGACGAGAAGGAGAAGGGC
 GCGGGCGCCGGGGGAGGAGAAGAAAGGGGCGGGCGAGGGCGCAAGGACGGGGAGGGGGCAAGGAGG
 GCGACAAGAAGAACGGCAAGTACGAGAAGCCGCCGTTAGCTACAACGCGCTCATCATGATGGCCATCAG
 GCAGAGTCCCAGAGCGCTGACGCTCAATGGCATCTATGAGTTCATCATGAAGAAGTCCCTACTAC
 CCGGAGAACAGCAGGGCTGGCAGAACTCCATCCGCCACAACCTGTCCCTCAACAAGTGCTTCGTGAAGG
 TACCGCGCCACTACGACGACCCGGCAAGGGCAACTACTGGATGCTCGACCCGTCGAGCGACGACGTGT
 CATCGGGCCACGACCGCAAGCTGCGGCGCCGCTCCACCACGTCTCGGGCAAGCTGGCCTTTAAGCGC
 GGGGCGCGCTCACCTCCACCGGCTCACCTTCATGGACCGCGCCGGCTCCCTCTACTGGCCATGTCGC
 CCTTCTGTCCCTGCACCACCCCGCGCCAGCAGCACTTTGAGTTACAACGGGACCACGTCGGCCTACCC
 CAGCCACCCATGCCCTACAGCTCCGTGTTGACTCAAACTCGTGGGCAACAACCACTCCTTCTCCACC
 GCCAACGGGCTGAGTGTGGACCGGCTGGTCAACGGGGAGATCCCGTACGCCACGCACCACCTCACGGCCG
 TCGCGCTCGCCGCTCGGTGCCCTGCGGCTGTCCGTGCCCTGCTCCGGGACCTACTCCCTCAACCCCTG
 CTCGTCACCTGCTCGGGGCCAGACCAGTTACTTTTTCCCCACGTCCCGCACCCTCAATGACTTCG
 CAGACCAGCAGTCCATGAGCGCCGGCCGCGTCTCCTCTACGTCCCGCAGGCCCCCTCGACCTGC
 CCTGTGAGTCTTTAAGACCCTCTTTGCCAAGTTTTACGACAGGACTGTCCGGGGACTGTCTGATTATT
 CACACATCAAAATCAGGGGTCTTCTTCAACCCTTAATACAT**TAA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001160112
- Insert Size:** 1446 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_001160112.1](#), [NP_001153584.1](#)

RefSeq Size: 3986 bp

RefSeq ORF: 1446 bp

Locus ID: 15228

UniProt ID: [Q60987](#)

Cytogenetics: 12 21.78 cM

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]
Transcript Variant: This variant (2) represents the one-exon transcript. Variants 1 and 2 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.