

## Product datasheet for **MC215933**

### **Foxf2 (NM\_010225) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Foxf2 (NM_010225) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Foxf2
Synonyms:	Fkh20; FREAC2; LUN
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC215933 representing NM\_010225  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCGCGATCGCC

ATGAGCACCGAGGGCGGCCTCCGCCACCCCGCCGCGCCGCGCCTGCCCACTCCGCCGCGCGTGCA  
 GCCCGGCCGCCGCGCGCTCCAGGCCGCTTGATGAGCCCGCACCCGCCACCCTGGAGTCCACTTC  
 GTCGTCGTCATCATCTCTGCTCCTGTCCTCGTCTCTTCTAACTCCGTCAGCGCTCGGCCGT  
 GCTTGCAAGAGTGCAGTACGAGCGCGCGGGCGCCGGGAGTGGAGGCACCAAGAAGCAACCTCGG  
 GGCTGCGCGGCCGAGAAGCCTCCTTACTCGTACATCGCGCTCATCGTCATGGCCATCCAGAGCTCGC  
 CAGCAAGCGCTGACGCTCAGTGAGATCTACCAGTTCTACAGCGCGCTTCCCTTTTTCCGTGGCGCC  
 TACCAGGGCTGGAAGAACTCCGTGCGCCACAACCTCTCGCTCAACGAGTGCTTCATCAAGCTGCCAAGG  
 GCCTCGGGAGACCTGGTAAGGGCCACTACTGGACCATCGACCCGCCAGCGAATTCATGTTTGAGGAGGG  
 TTCGTTCCGCGCCGCGCGCGGCTTCAGGCGGAAGTCCAGGCTCTCAAACCCATGTACCATCGCGTG  
 GTGAGCGGCTTGGGCTTCGGGGCCTCGCTGCTGCCCCAGGGCTTCGACTTCCAAGCGCCCGCTCGGCGC  
 CTCTGGGTTGCCACGGTCAAGGCGGTTATGGTGGCCTCGACATGATGCCCGGGCTATGATACAGGGGC  
 GGGTGCTCCGGGCCACGCGCATCCACACCCTCCACCACCACCGTCCCCACATGTCGCCAACCCG  
 GGCTCCACCTATATGGCCAGTGCCTGGTCCCGCAGGTCCTGCGGGCGTGGTGGCGCAGCGGGTGGCG  
 GCGGTGGCGGGGGACTATGGCCGGACAGCAGCAGCAGCCCTGTGCCCTATCCCCGGCTATGGCAAG  
 CGCCATTGAGTGTCACTCGCCCTACACTAGCCCTGCGGCACATTGGAGCTCGCTGGCGCTTACCTTAC  
 CTCAAGCAGCCGCTGCCCTGACGCCAAGCAGTAATCCCGCGGCTCTGCTGGTCTGCACCCAGCATGT  
 CTTCTACTCGTTGGAGCAGAGTACTTGCACCAGAACGCCCGGAGGATCTCTCAGTCGGACTGCCCG  
 TTACCAGCACTCCACTCCAGTGTGCGACAGGAAAGATTTTCGCTCAATTTCAATGGCATTCTTCT  
 TTCCACCCTCCGCTAGTGGCTTATTATCACCATCATCACCAGAGCGTGTGCCAAGATATTAAGCCCT  
 GTGTTATGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_010225

**Insert Size:** 1341 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:	<u>NM_010225.2, NP_034355.2</u>
RefSeq Size:	2366 bp
RefSeq ORF:	1341 bp
Locus ID:	14238
UniProt ID:	<u>O54743</u>
Cytogenetics:	13 A3.2
Gene Summary:	Probable transcription activator for a number of lung-specific genes (PubMed:9676429). Mediates up-regulation of the E3 ligase IRF2BPL and drives ubiquitination and degradation of CTNNB1 (By similarity).[UniProtKB/Swiss-Prot Function]