

## Product datasheet for **MC220354**

### Foxp4 (NM\_028767) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Foxp4 (NM_028767) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Foxp4
Synonyms:	1200010K03Rik; 2310007G05Rik; mFKHLA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC220354 representing NM\_028767  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGATGGTGGAGTCTGCATCGGAGACAATCAGGTCGGCTCCGTCTGGTCAGAACGGCGTGGGCAGCCTCT  
 CTGCGCAGGCTGATGGCGCGGTGGGGCCGGGACCGCGGCACGGCCCCGGCTGCCGGTAGGGATGCCTC  
 AGGCAGGGAAGCAGCCAGCGGAGGAGCCGACAGCAATGGCGAGATGAGCCCCGGGAGCTTCTGCACTTC  
 CAACAGCAACAGGCTCTCCAGGTGGCCCGCAGTTCTGTTGAGCAAGCCTCCAGCCTGAACTCCCCGG  
 GGAACAATGACAGTAAACAGTCGGCCTCTGCGGTGCAGGTGCCTGTGTCTGTGGCCATGATGTCCCAGCA  
 GATGCTTACCCCCAGCAGATGCAGCAGATCCTGTCGCCACCTCAGTGCAGGCCTTGTGCAGCAGCAA  
 CAGGCTCTCATGCTCCAGCAGTGCAGGAGTATTACAAGAAGCAGCAAGAGCAGCTCCACCTGCAGCTCC  
 TACCCAGCAGCAGGCTGAAAACAGCAGCCAAAGAGGCCCTGGGAACAAGCAGCTGGCCTTCCAGCA  
 GCAGCTCTGCAGATGCAACAGTTGCAGCAACAGCACTTCTCAACCTCCAGAGGCAGGGCTGGTCAGC  
 CTGCAGCAAGCCAAAGCCTCAGGGCCCCCTCAGGCCCTCCCGCAAGCCGTGTGCCCGACAGACCTGCCCC  
 AGCTGTGAAAAGGCGAGGGTGCSCCGGGCAGCCCGCTGAGGACAGCGGCAGGCAGGAGGGGCTGGACCT  
 CGCCAGCACAGCTGTTACTGCTACCTCGTTTGCCAGCCCTCCCAAGGTCTCCCCGCCCTCTCCCACCAC  
 CCCTTACCCAACGGACAACCCACTGTGCTCACATCTCGGAGAGACAGCTCCTCCCATGAGGAGACCCCCA  
 GTTCCCACCCTCTTTATGGACATGGGGAGTGCAAGTGGCCAGGCTGTGAGACCCTGTGTGAAGACCTGGG  
 CCAGTTTATCAAACACCTCAACACAGAACACGCTTTGGATGACCGGAGCAGGCCCAATGCCCGTGCAG  
 ATGCAGGTGGTCCAACAGCTGGAGATCCAGTGGCCAAGGAGAGTGAGCGGCTGCAGGCCATGATGGCAC  
 ATCTGCACATGGCGCTTCAGAGCCCAAGCCCTTCAGCCAGCAGTACCCTCTCCGACAGCCCGTTCCC  
 GGATGGCCTCGTGACCCCCCAACTTCAGCCCGCTGCCCGCTCACACCCTGCGTCCCCCTGGCCTGGGC  
 TCTGCCTCTTTGCACAGTGGGGCCCTGCCCGCAGGAGAAGTAATGACAAATTCTGCTCCCCATCTCCT  
 CAGAGCTTGCCAGAATCATGAGTTCTACAAGAAGCTGACGTCAGGCCCCCTTACCTACGCTTCCCT  
 TATCCGCCAGGCCATTCTGGAACTCCAGATCGGCAGCTGACGCTAAATGAGATTTATAACTGGTTCACC  
 AGGATGTTTCGCTACTTCCGAAGAAACAGGCCACCTGGAAGAATGCCGTGCGCCACAACCTCAGCCTGC  
 ACAAGTGTTCGTCGTTGGAGAACGTAAGGGGGCCGTGGACTGTGGATGAGCGGGAATATCAGAA  
 ACGGAGACCGCAAGATGACAGGGAGTCCACTCTGGTGAAGAACATGATCTCGGGCTCAGTTACGGG  
 GCACTTAAAGCCAGCTACCAGGCTGCCCTGGCAGAGAGCAGCTTCCCTCTTCTCAGCAACCCCGCATGC  
 TGAACCTGGCTCAGCCAGCAGCCTTCTGCCCTCAGCCAGGAGGACCTGGGTGTCCCTGGGGAACCACT  
 ACCCAGCAATGGGAGCAGCAGCCCGCTCGTCTTCCCTCCTCAGTACAGCCACCAGATACAAGTCAAA  
 GAGGAGCCTGCAGAGGCAGAGGAAGACCAGCGCCGGGGCCTCCCTTGGGCGCCCCAACCCAGCAGCTG  
 TGGGGCTCCAGAAGACAGGGACCTGGAGGAGGACCTGGGAGGAGGACATGTCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_028767
- Insert Size:** 2019 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\\_028767.2](#), [NP\\_083043.2](#)

**RefSeq Size:** 4017 bp

**RefSeq ORF:** 2019 bp

**Locus ID:** 74123

**UniProt ID:** [Q9DBY0](#)

**Cytogenetics:** 17 C

**Gene Summary:** Transcriptional repressor that represses lung-specific expression.[UniProtKB/Swiss-Prot Function]

Transcript Variant: This variant (3) has two alternate splice sites in the coding region, compared to variant 1. The resulting isoform (3) lacks an internal aa and an internal segment, compared to variant 1.