

Product datasheet for **MC220444**

Foxp4 (NM_001110824) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxp4 (NM_001110824) 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: >MC220444 representing NM_001110824
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGTGGAGTCTGCATCGGAGACAATCAGGTCGGCTCCGCTGGTCAGAACGGCGTGGGCAGCCTCT
 CTGCGCAGGCTGATGGCGCGGTGGGGCCGGACCGCGGCACGGCCCCGGCTGCCGGTAGGGATGCCTC
 AGGCAGGGAAGCAGCCAGCGGAGAGCCGACAGCAATGGCGAGATGAGCCCCGGGAGCTTCTGCACTTC
 CAACAGCAACAGGCTCTCCAGGTGGCCCGCAGTTCCTGTTGCAGCAAGCCTCCAGCCTGAACTCCCCGG
 GGAACAATGACAGTAAACAGTCGGCCTCTGCGGTGCAGGTGCCTGTGTCTGTGGCCATGATGTCCCAGCA
 GATGCTTACCCCCAGCAGATGCAGCAGATCCTGTCGCCACCTCAGTGCAGGCCTTGTGCAGCAGCAA
 CAGGCTCTCATGTCCAGCAGTGCAGGAGTATTACAAGAAGCAGCAAGAGCAGCTCCACCTGCAGCTCC
 TACCCAGCAGCAGGCTGAAAACAGCAGCCAAAGAGGCCCTGGGGAACAAGCAGCTGGCCTTCCAGCA
 GCAGCTCTGCAGATGCAACAGTTGCAGCAACAGCACTTCTCAACCTCCAGAGGCAGGGCTGGTCAGC
 CTGCAGCCAAGCCAAGCCTCAGGGCCCCCTCCAGGCCCTCCCGCAAGCAGCCGTGTGCCCGACAGACCTGC
 CCCAGCTGTGAAAGGCGAGGGTGCCTCCGGGCGAGCCCGTGAAGACAGCGGCAGGCAGGAGGGGCTGGA
 CCTCGCCAGCACAGCTGTTACTGCTACCTCGTTTGCCAGCCCTCCCAAGGTCTCCCCGCCCTCTCCCAC
 CACCCCTTACCCAACGGACAACCCACTGTGCTCACATCTCGGAGAGACAGCTCCTCCATGAGGAGACCC
 CCAGTTCACCCCTCTTTATGGACATGGGGAGTGCAAGTGGCCAGGCTGTGAGACCCTGTGTGAAGACCT
 GGGCCAGTTTATCAAACCTCAACACAGAACACGCTTTGGATGACCGGAGCAGGCCCAATGCCGCGTG
 CAGATGCAGTGGTCCAACAGCTGGAGATCCAGCTGGCCAAGGAGAGTGAAGCGGCTGCAGGCCATGATGG
 CACATCTGCACATGCGGCCTTCCAGCCCAAGCCCTTCCAGCCAGCCACTGAACCCAGTCCCTGGCTCTC
 CTATTCTCAAAGGTGACCGTCTCCGCAGACCCGTTCCCGGATGGCTCGTGCACCCCCCAACTTCAGCC
 GCTGCCCCGTCACACCCTGCGTCCCTGGCTGGGCTCTGCCTCTTTGCACAGTGGGGCCCTGCC
 GCAGGAGAAGTAATGACAAATTCTGCTCCCCATCTCCTCAGAGCTTGCCGAGAATCATGAGTTCTACAA
 GAACGCTGACGTGAGCCCCCTTACCTACGCTTCCCTATCCGCCAGGCCATTCTGAAAACCTCCAGAT
 CGGCAGCTGACGCTAAATGAGATTTATAACTGGTTCACCAGGATGTTCCGCTACTTCCGAAGAAACCGG
 CCACCTGGAAGAATGCCGTGCGCCACAACCTCAGCCTGCACAAGTGTTCGTCGCTGTGGAGAACGTCAA
 GGGGGCCGTGTGGACTGTGGATGAGCGGAATATCAGAAACGGAGACCGCCAAAGATGACAGGGAGTCCC
 ACTCTGGTGAAGAACATGATCTCGGCCTCAGTTACGGGGCACTTAACGCCAGCTACCAGGCTGCCCTGG
 CAGAGAGCAGCTTCCCTTCTCAGCAACCCCGCATGCTGAACCTGGCTCAGCCAGCAGCCTTCTGCC
 CCTCAGCCAGGAGACCTGGGTGTCCTGGGGAACCACTACCCAGCAATGGGAGCAGCAGCCCGCTCGT
 CTTTCCCCTCCTCAGTACAGCCACCAGATAACAAGTCAAAGAGGAGCCTGCAGAGGCAGAGGAAGCCGAC
 GGCCGGGGCCTCCCTTGGGCGCCCCAACCCAGCACTGTGGGCGCTCCAGAAGACAGGGACCTGGAGGA
 GGACCTGGGAGGAGGACATGTCC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001110824
- Insert Size:** 2058 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_001110824.1](#), [NP_001104294.1](#)

RefSeq Size: 4056 bp

RefSeq ORF: 2058 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 (1) encodes the longest isoform (1).