

Product datasheet for **MC220355**

Foxp4 (NM_001110825) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxp4 (NM_001110825) 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: >MC220355 representing NM_001110825
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGGTGGAGTCTGCATCGGAGACAATCAGGTCGGCTCCGCTGGTCAGAACGGCGTGGGCAGCCTCT
 CTGCGCAGGCTGATGGCGCGGTGGGGCCGGGACCGCGGCACGGCCCCGGCTGCCGGTAGGGATGCCTC
 AGGCAGGGAAGCAGCCAGCGGAGGAGCCGACAGCAATGGCGAGATGAGCCCCGGGAGCTTCTGCACTTC
 CAACAGCAACAGGCTCTCCAGGTGGCCCGCAGTTCCTGTTGAGCAAGCCTCCAGCCTGAACTCCCCGG
 GGAACAATGACAGTAAACAGTCGGCCTCTGCGGTGCAGGTGCCTGTGTCTGTGGCCATGATGTCCCAGCA
 GATGCTTACCCCCAGCAGATGCAGCAGATCCTGTCGCCACCTCAGTGCAGGCCTTGCTGCAGCAGCAA
 CAGGCTCTCATGTCCAGCAGTGCAGGAGTATTACAAGAAGCAGCAAGAGCAGCTCCACCTGCAGCTCC
 TACCCAGCAGCAGGCTGAAAACAGCAGCCAAAGAGGCCCTGGGAACAAGCAGCTGGCCTTCCAGCA
 GCAGCTCTGCAGATGCAACAGTTGCAGCAACAGCACTTGCTCAACCTCCAGAGGCAGGGCTGGTCAGC
 CTGCAGCCAAGCCAAGCCTCAGGGCCCCCTCAGGCCCTCCCGCAAGCAGCCGTGTGCCCGACAGACCTGC
 CCCAGCTGTGAAAGGCGAGGGTGGCCCGGGCAGCCCGTGAAGACAGCGGCAGGCAGGAGGGGTGGA
 CCTCGCCAGCACAGCTGTTACTGCTACCTCGTTTGCCAGCCCTCCAAGGTCTCCCCGCCCTCTCCCAC
 CACCCCTTACCCAACGGACAACCCACTGTGCTCACATCTCGGAGAGACAGCTCCTCCATGAGGAGACCC
 CCAGTTCACCCCTCTTTATGGACATGGGGAGTGAAGTGGCCAGGCTGTGAGACCCTGTGTGAAGACCT
 GGGCCAGTTTATCAAACCTCAACACAGAACACGCTTTGGATGACCGGAGCAGGCCCAATGCCCGTG
 CAGATGCAGTGGTCCAACAGCTGGAGATCCAGCTGGCCAAGGAGAGTGAAGGCTGCAGGCCATGATGG
 CACATGCACATGCGGCCTTCAGAGCCCAAGCCCTTCAGCCAGCCAGTGACCGTCTCCGCAGACCCGTT
 CCGGATGGCCTCGTGCACCCCCCAACTTCAGCCGCTGCCCGTGCACACCCTGCGTCCCCTGGCCTG
 GGCTCTGCCTCTTTGCACAGTGGGGCCCTGCCCGCAGGAGAAGTAATGACAAATTCTGCTCCCCATCT
 CCTCAGAGCTTGCCAGAATCATGAGTTCTACAAGAAGCCTGACGTGAGGCCCCCTTCCCTACGCTTC
 CCTATCCGCCAGGCCATTCTGGAACTCCAGATCGGCAGCTGACGCTAAATGAGATTTATAACTGGTTC
 ACCAGGATGTTTCGCTACTTCCGAAGAACACGGCCACCTGGAAGAATGCCGTGCCCCACAACCTCAGCC
 TGCACAAGTGTTCGTCCTGTGGAGAAGTCAAGGGGGCCGTGGACTGTGGATGAGCGGGAATATCA
 GAAACGGAGACCCCAAAGATGACAGGGAGTCCCACTCTGGTGAAGAATGATCTCGGGCCTCAGTTAC
 GGGGCACTTAACGCCAGCTACCAGGCTGCCCTGGCAGAGAGCAGCTTCCCTTTCTCAGCAACCCCGGCA
 TGCTGAACCTTGCTCAGCCAGCAGCCTTCTGCCCTCAGCCAGGAGGACCTGGGTGTCCCTGGGAACC
 ACTACCCAGCAATGGGAGCAGCAGCCCGCCTCGTCTTCCCTCCTCAGTACAGCCACCAGATACAAGTC
 AAAGAGGAGCCTGCAGAGGCAGAGGAAGACCGACGGCCGGGGCCTCCCTTGGGCGCCCCAACCCAGCA
 CTGTGGGGCCTCCAGAAGACAGGGACCTGGAGGAGGACCTGGGAGGAGAGGACATGTCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001110825
- Insert Size:** 2022 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_001110825.1](#), [NP_001104295.1](#)

RefSeq Size: 4020 bp

RefSeq ORF: 2022 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 (2) has an alternate splice site in the central coding region, compared to variant 1. The resulting isoform (2) lacks an internal segment, compared to isoform 1.