

Product datasheet for **MG209934**

Foxp4 (BC057110) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxp4 (BC057110) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Foxp4
Synonyms:	2310007G05Rik, mFKHLA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MG209934 representing BC057110
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGATGGTGGAGTCTGCATCGGAGACAATCAGGTCGGCTCCGCTGGTCAGAACGGCGTGGGCAGCCTCT
CTGCGCAGGCTGATGGCGCGGTGGGGCCGGGACCGCGGCACGGCCCCGGCTGCCGATAGGATGCCTC
AGGCAGGGAAGCAGCCAGCGGAGGAGCCGACAGCAATGGCGAGATGAGCCCCGGGAGCTTCTGCACTTC
CAACAGCAACAGGCTCTCCAGGTGGCCCGCAGTTCCTGTTGCAGCAAGCCTCCAGCCTGAACTCCCCGG
GGAACAATGACAGTAAACAGTCGGCCTCTGCGGTGCAGGTGCCTGTGTCTGTGGCCATGATGTCCCAGCA
GATGCTTACCCCCAGCAGATGCAGCAGATCCTGTCGCCACCTCAGTGCAGGCCTTGTGCAGCAGCAA
CAGGCTCTCATGTCCAGCAGTGCAGGAGTATTACAAGAAGCAGCAAGAGCAGCTCCACCTGCAGCTCC
TACCCAGCAGCAGGCTGAAAACAGCAGCCAAAGAGGCCCTGGGGAACAAGCAGCTGGCCTTCCAGCA
GCAGCTCTGCAGATGCAACAGTTGCAGCAACAGCACTTGTCAACCTCCAGAGGCAGGGCTGGTCAGC
CTGCAGCCAAGCCAAGCCTCAGGGCCCCCTCAGGCCCTCCCGCAAGCCGTGTGCCCGACAGACCTGCCCC
AGCTGTGAAAAGGCGAGGGTGCSCCGGGCAGCCCGCTGAGGACAGCGGCAGGCAGGAGGGGCTGGACCT
CGCCAGCACAGCTGTTACTGCTACCTCGTTTGCCAGCCCTCCCAAGGTCTCCCCGCCCTCTCCCACCAC
CCCTTACCCAACGGACAACCCACTGTGCTCACATCTCGGAGAGACAGCTCCTCCCATGAGGAGACCCCCA
GTTCCCACCCTCTTTATGGACATGGGGAGTGCAAGTGGCCAGGCTGTGAGACCCTGTGTGAAGACCTGGG
CCAGTTTATCAAACACCTCAACACAGAACACGCTTTGGATGACCGGAGCAGGCCCAATGCCCGTGCAG
ATGCAGGTGGTCCAACAGCTGGAGATCCAGCTGGCCAAGGAGAGTGAGCGGCTGCAGGCCATGATGGCAC
ATCTGCACATGCGGCCTTCAGAGCCCAAGCCCTCAGCCAGCCAGTGACCGTCTCCCGCAGACCCGTTCCC
GGATGGCCTCGTGCACCCCCCACTTCAGCCGCTGCCCCGTCACACCCCTGCGTCCCCCTGGCCTGGGC
TCTGCCTCTTTGCACAGTGGGGCCCTGCCCGCAGGAGAAGTAATGACAAATTCTGCTCCCCATCTCCT
CAGAGCTTGCCAGAATCATGAGTTCTACAAGAACGCTGACGTCAGGCCCCCTTACCTACGCTTCCCT
TATCCGCCAGGCCATTCTGAAACTCCAGATCGGCAGCTGACGCTAAATGAGATTTATAACTGGTTCACC
AGGATGTTTCGCTACTTCCGAAGAAACAGGCCACCTGGAAGAATGCCGTGCGCCACAACCTCAGCCTGC
ACAAGTGTTCGTCGCTGGGAGAACGTC AAGGGGCGGTGTGGACTGTGGATGAGCGGGAATATCAGAA
ACGGAGACCGCCAAGATGACAGGGAGTCCACTCTGGTGAAGAACATGATCTCGGGCTCAGTTACGGG
GCACTTAACGCCAGCTACCAGGCTGCCCTGGCAGAGAGCAGCTTCCCTTCTCAGCAACCCCGCATGC
TGAAACCTGGCTCAGCCAGCAGCCTTCTGCCCTCAGCCAGGAGGACCTGGGTGTCCCTGGGGAACCACT
ACCCAGCAATGGGAGCAGTAGCCCGCTCGTCTTCCCTCCTCAGTACAGCCACCAGATACAAGTCAAA
GAGGAGCCTGCAGAGGCAGAGGAAGACCAGCGCCGGGGCCTCCCTTGGGCGCCCCAACCCAGCACTG
TGGGGCTCCAGAAGACAGGGACCTGGAGGAGGACCTGGGAGGAGAGGACATGTCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG209934 representing BC057110
 Red=Cloning site Green=Tags(s)

```

MMVESASETIRSAPSGQNGVGSLSAQADGGGGAGTAGTAPAAGRNASGREASGGADSNEMSPAELLHF
QQQALQVARQFLLQQASSLNSPGNDSKQASAVQVPVSVAMMSQMLTPQQMQQILSPPQLQALLQQQ
QALMLQQLQEYKKQEQELHLQLLTQQQAGKQPKKEALGNKQLAFQQQLLQMQLQQHLLNLQRQGLVS
LQPSQASGPLQALPQAVCPTDLPQLWKGEQAGQPAEDSGRQEGLDLASTAVTATSFASPPKVSPPLSHH
PLPNGQPTVLTSTRDSSSHEETPSSHPLYGHGECKWPGCETLCEDLGQFIKHLNTEHALDDRSTAQCRVQ
MQVVQLEIQLAKESERLQAMMAHLHMRPSEPKPFSQPVTVSADPFDPDGLVHPPTSAAPVTPLRPPGLG
SASLHSGGPARRRSNDKFCSPISSELAQNHEFYKNADVRRPFTYASLIRQAILETPDRQLTLNEIYNWFT
RMFAYFRNTATWKNVVRHNLHLKCFVRVENVKAVVTVDEREYQKRRPPKMTGSPVLKNNMISGLSYG
ALNASYQAALAESSFPLLSNPGMLNPGSASSLLPLSQEDLVGPGPEPLPSNGSSPPRLSPPQYSHQIQVK
EPEAEEDRRPGPPLGAPNPSTVGPPEDRDLEEDLGGEDMS
  
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC057110

ORF Size: 2018 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [BC057110](#), [AAH57110](#)

RefSeq Size: 4057 bp

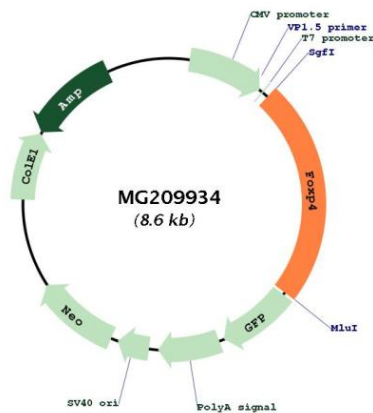
RefSeq ORF: 2018 bp

Locus ID: 74123

Cytogenetics: 17 C

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

Product images:



Circular map for MG209934