

Product datasheet for **MR209934**

Foxp4 (NM_028767) Mouse Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>MR209934 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATGGTGGAGTCTGCATCGGAGACAATCAGGTCGGCTCCGTCTGGTCAGAACGGCGTGGGCAGCCTCT
 CTGCGCAGGCTGATGGCGCGGTGGGGCCGGGACCGCGGCACGGCCCCGGCTGCCGATAGGATGCCTC
 AGGCAGGGAAGCAGCCAGCGGAGAGCCGACAGCAATGGCGAGATGAGCCCCGGGAGCTTCTGCACTTC
 CAACAGCAACAGGCTCTCCAGGTGGCCCGCAGTTCCTGTTGCAGCAAGCCTCCAGCCTGAACTCCCCGG
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 GATGCTTACCCCCAGCAGATGCAGCAGATCCTGTGCCACCTCAGTGCAGGCCTTGTGCAGCAGCAA
 CAGGCTCTCATGTCCAGCAGTGCAGGAGTATTACAAGAAGCAGCAAGAGCAGTCCACCTGCAGCTCC
 TACCCAGCAGCAGGCTGAAAACAGCAGCCAAAGAGGCCCTGGGAACAAGCAGTGGCTTCCAGCA
 GCAGCTCTGCAGATGCAACAGTTGCAGCAACAGCACTTGTCAACCTCCAGAGGCAGGGCTGGTCAGC
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 AGCTGTGAAAGGCGAGGGTGCSCCGGGCAGCCCGCTGAGGACAGCGGCAGGCAGGAGGGGCTGGACCT
 CGCCAGCACAGCTGTTACTGCTACCTCGTTTGCCAGCCCTCCCAAGGTCTCCCCGCCCTCTCCCACCAC
 CCCTTACCCAACGGACAACCCACTGTGCTCACATCTCGGAGAGACAGCTCCTCCCATGAGGAGACCCCCA
 GTTCCCACCCTCTTTATGGACATGGGGAGTGCAAGTGGCCAGGCTGTGAGACCCTGTGTGAAGACCTGGG
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 TATCCGCCAGGCCATTCTGAAACTCCAGATCGGCAGCTGACGCTAAATGAGATTTATAACTGGTTCACC
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 ACAAGTGTTCGTCGTTGGGAAACGTCAGGGGCGGTGGACTGTGGATGAGCGGGAATATCAGAA
 ACGGAGACGCCAAAGATGACAGGGAGTCCACTCTGGTGAAGAATGATCTCGGGCTCAGTTACGGG
 GCACTTAACGCCAGCTACCAGGCTGCCCTGGCAGAGAGCAGCTTCCCTTCTCAGCAACCCCGCATGC
 TGAACCTGGCTCAGCCAGCAGCCTTCTGCCCTCAGCCAGGAGGACCTGGGTGTCCCTGGGAACCACT
 ACCCAGCAATGGGAGCAGCAGCCCGCTCGTCTTCCCTCCTCAGTACAGCCACCAGATACAAGTCAAA
 GAGGAGCTGCAGAGGCAGAGGAAGACCAGCGCCGGGCCTCCCTTGGGCGCCCCAACCCAGCACTG
 TGGGGCTCCAGAAGACAGGGACCTGGAGGAGGACCTGGGAGGAGAGGACATGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR209934 protein sequence
Red=Cloning site Green=Tags(s)

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MMVESASETIRSAPSGQNGVGSLSAQADGGGGAGTAGTAPAAGRNASGREASGGADSNEMSPAELLHF
QQQALQVARQFLQASSLNSPGNNDKQASAVQVPVSVAMMSQMLTPQQMQQILSPPQLQALLQQQ
QALMLQLQEYKKQEQELHLQLLTQQQAGKQPKALGNKQLAFQQQLLQMQLQQHLLNLQRQGLVS
LQPSQASGPLQALPQAVCPTDLPQLWKGEAGAPGPAEDSGRQEGLDLASTAVTATSFASPPKVSPPLSHH
PLPNGQPTVLTSTRDSSSHEETPSSHPLYGHGECKWPGCETLCELDLQFIKHLNTEHALDDRSTAQCRVQ
MQVVQLEIQLAKESERLQAMMAHLHMRPSEPSPQVTVSADFPDGLVHPPTSAAPVTPLRPPGLG
SASLHSGGPARRRSNDKFCSPISSELAQNHEFYKNADVRRPFTYASLIRQAILETPDRQLTLNEIYNWFT
RMFAYFRNTATWKNVVRHNLHLKCFVRVENVKGAVWTVDEREYQKRRPPKMTGSPVLKNNMISGLSYG
ALNASYQAALAESSFLLSNPGMLNPGSASSLLPLSQEDLVGPGEPLPSNGSSSPRLSPPQYSHQIQVK
EPEAEEDRRPGPPLGAPNPSTVGPPEDRDLEEDLGGEDMS
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_028767

ORF Size: 2016 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: [NM_028767.2](#), [NP_083043.2](#)

RefSeq Size: 4017 bp

RefSeq ORF: 2019 bp

Locus ID: 74123

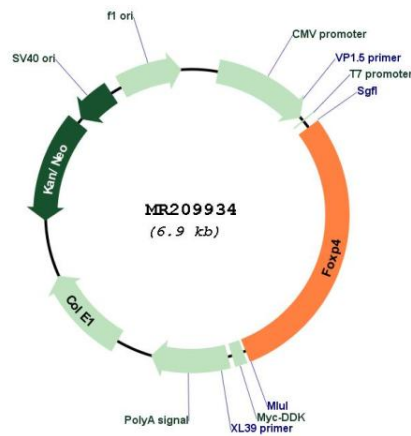
UniProt ID: [Q9DBY0](#)

Cytogenetics: 17 C

MW: 72.8 kDa

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

Product images:



Circular map for MR209934