

## Product datasheet for **MC227652**

### **Foxp3 (NM\_001199347) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Foxp3 (NM_001199347) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Foxp3
Synonyms:	JM2; scu; scurfin; sf
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC209380 representing NM\_054039  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCAACCCCTAGGCCAGCCAAGCCTATGGCTCCTTCTGGCCCTTGCCCATCCCCAGGAGTCTTGC  
 CAAGCTGGAAGACTGCACCCAAGGGCTCAGAACTTCTAGGGACCAAGGGCTCTGGGGACCCCTCCAAGG  
 TCGGGACCTGCGAAGTGGGGCCACACCTCTTCTTCTTGAACCCCTGCCACCATCCCAGCTGCAGCTG  
 CCTACAGTGCCCTAGTCATGGTGGCACCGTCTGGGGCCGACTAGGTCCCTCACCCACCTACAGGCC  
 TTCTCCAGGACAGACCACACTTCATGCATCAGCTCTCCACTGTGGATGCCCATGCCAGACCCCTGTGCT  
 CCAAGTGCCTCCACTGGACAACCCAGCCATGATCAGCCTCCACCACCTTCTGCTGCCACTGGGGTCTTC  
 TCCCTCAAGGCCCGCCTGGCCTGCCACCTGGGATCAATGTGGCCAGTCTGGAATGGGTGTCCAGGGAGC  
 CAGCTCTACTCTGCACCTTCCCACGCTCGGGTACACCCAGGAAAGACAGCAACCTTTGGCTGCACCCCA  
 AGGATCCTACCCACTGCTGGCAAATGGAGTCTGCAAGTGGCCTGGTTGTGAGAAGTCTTCGAGGAGCCA  
 GAAGAGTTTCTCAAGCACTGCCAAGCAGATCATCTCCTGGATGAGAAAGCAAGGCCAGTGCCTCCTCC  
 AGAGAGAAGTGGTGCAGTCTCTGGAGCAGCAGCTGGAGCTGGAAGGAGAGAGCTGGGAGCTATGCAGGC  
 CCACCTGGCTGGGAAGATGGCGCTGGCCAAGGCTCCATCTGTGGCCTCAATGGACAAGAGCTTGTCTGC  
 ATCGTAGCCACCAGTACTCAGGGCAGTGTGCTCCCGCCTGGTCTGCTCCTCGGGAGGCTCCAGACGGCG  
 GCCTGTTTGCAGTGGGAGGCACCTCTGGGAAGCCATGGCAATAGTTCCTTCCCAGAGTTCTTCCACAA  
 CATGGACTACTTCAAGTACCACAATATGCGACCCCTTTCACCTATGCCACCTTATCCGATGGGCCATC  
 CTGGAAGCCCCGGAGAGGCAGAGGACACTCAATGAAATCTACCATTGGTTTACTCGCATGTTCCGCCTACT  
 TCAGAAACCACCCGCCACCTGGAAGAATGCCATCCGCCACAACCTGAGCCTGCACAAGTCTTTGTGCG  
 AGTGGAGAGCGAGAAGGGAGCAGTGTGGACCGTAGATGAATTTGAGTTTCGCAAGAAGAGGAGCCAACGC  
 CCCAACAAAGTGCTCCAATCCCTGCCCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001199347
- Insert Size:** 1290 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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\\_001199347.1](#), [NP\\_001186276.1](#)

**RefSeq Size:** 3832 bp

**RefSeq ORF:** 1290 bp

**Locus ID:** 20371

**UniProt ID:** [Q99JB6](#)

**Cytogenetics:** X 3.41 cM

**Gene Summary:** The protein encoded by this gene is a member of the forkhead/winged-helix family of transcriptional regulators. Defects in this gene result in the scurfy phenotype (sf). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Sep 2015]  
Transcript Variant: This variant (1) represents the longest transcript. Variants 1, 2, and 3 encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.