

## Product datasheet for **MC227653**

### Foxp3 (NM\_001199348) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Foxp3 (NM\_001199348) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Foxp3  
**Synonyms:** JM2; scu; scurfin; sf  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC227653 representing NM\_001199348  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCAACCCCTAGGCCAGCCAAGCCTATGGCTCCTTCTGGCCCTGGCCCATCCCCAGGAGTCTTGC  
 CAAGCTGGAAGACTGCACCAAGGGCTCAGAATCTAGGGACCAGGGGCTCTGGGGACCCCTTCCAAGG  
 TCGGGACCTGCGAAGTGGGGCCACACCTTTCTCCTTGAACCCCTGCCACCATCCCAGCTGCAGCTG  
 CCTACAGTGCCCTAGTCATGGTGGCACCGTCTGGGGCCCGACTAGGTCCCTCACCCACCTACAGGCC  
 TTCTCCAGGACAGACCACACTTCATGCATCAGCTCTCCACTGTGGATGCCCATGCCAGACCCCTGTGCT  
 CCAAGTGCCTCCACTGGACAACCCAGCCATGATCAGCCTCCCACCACCTTCTGCTGCCACTGGGGTCTTC  
 TCCCTCAAGGCCCGCCCTGGCCTGCCACCTGGGATCAATGTGGCCAGTCTGGAATGGGTGTCCAGGGAGC  
 CAGCTCTACTCTGCACCTTCCCACGCTCGGGTACACCCAGGAAAGACAGCAACCTTTGGCTGCACCCCA  
 AGGATCCTACCCACTGCTGGCAAATGGAGTCTGCAAGTGGCTGGTTGTGAGAAGTCTTCGAGGAGCCA  
 GAAGAGTTTCTCAAGCACTGCCAAGCAGATCATCTCCTGGATGAGAAAGGCAAGGCCAGTGCCTCCTCC  
 AGAGAGAAGTGGTGCAGTCTCTGGAGCAGCAGCTGGAGCTGGAAAAGGAGAAGCTGGGAGCTATGCAGGC  
 CCACCTGGCTGGGAAGATGGCGCTGGCCAAGGCTCCATCTGTGGCCTCAATGGACAAGAGCTCTTGCTGC  
 ATCGTAGCCACCACTACTCAGGGCAGTGTGCTCCCGCCCTGGTCTGCTCCTCGGGAGGCTCCAGACGGCG  
 GCCTGTTTGCAGTGGGAGGCACCTCTGGGAAGCCATGGCAATAGTTTCCTTCCCAGAGTTCTTCCACAA  
 CATGGACTACTTCAAGTACCACAATATGCGACCCCTTTACCTATGCCACCTTATCCGATGGGCCATC  
 CTGGAAGCCCGGAGAGGCAGAGGACACTCAATGAAATCTACCATTGGTTTACTCGCATGTTGCGCTACT  
 TCAGAAACCACCCGCCACCTGGAAGAATGCCATCCGCCACAACCTGAGCCTGCACAAGTCTTTGTGCG  
 AGTGGAGAGCGAGAAGGGAGCAGTGTGGACCGTAGATGAATTTGAGTTTCGCAAGAAGAGGAGCCAACGC  
 CCAACAAGTGTCCAATCCCTGCCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001199348
<b>Insert Size:</b>	1290 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u><a href="#">NM_001199348.1</a></u> , <u><a href="#">NP_001186277.1</a></u>
<b>RefSeq Size:</b>	3690 bp
<b>RefSeq ORF:</b>	1290 bp
<b>Locus ID:</b>	20371
<b>UniProt ID:</b>	<u><a href="#">Q99JB6</a></u>
<b>Cytogenetics:</b>	X 3.41 cM
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (3) contains an alternate exon in the 5' UTR, compared to variant 1. 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.</p>