

Product datasheet for **SC318854**

FOXP3 (NM_001114377) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXP3 (NM_001114377) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOXP3
Synonyms:	AIID; DIETER; IPEX; JM2; PIDX; XPID
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001114377, the custom clone sequence may differ by one or more nucleotides

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ATGCCCAACCCAGGCCTGGCAAGCCCTCGGCCCTTCTTGGCCCTTGGCCATCCCCAGGAGCCTCGC
CCAGCTGGAGGGCTGCACCCAAAGCCTCAGACCTGCTGGGGGCCGGGGCCAGGGGGAACCTTCCAGGG
CCGAGATCTTCGAGGCGGGGCCATGCCTCCTTCTTCTTGAACCCATGCCACCATCGCAGCTGCAG
CTCTCAACGGTGGATGCCACGCCCGGACCCTGTGCTGCAGGTGACCCCTGGAGAGCCAGCCATGA
TCAGCCTCACACCACCACCACCACCCTGGGTCTTCTCCCTCAAGGCCGGCTGGCCTCCCACCTGG
GATCAACGTGGCCAGCCTGGAATGGGTGTCCAGGGAGCCGGCACTGCTCTGCACCTCCCAAATCCCAGT
GCACCCAGGAAGGACAGCACCTTTCGGCTGTGCCCCAGAGCTCCTACCCACTGCTGGCAAATGGTGTCT
GCAAGTGGCCCGGATGTGAGAAGGTCTTCGAAGAGCCAGAGGACTTCTCAAGCACTGCCAGGCGGACCA
TCTTCTGGATGAGAAGGGCAGGGCACAATGTCTCCTCCAGAGAGAGATGGTACAGTCTCTGGAGCAGCAG
CTGGTGTCTGGAGAAGGAGAAGCTGAGTGCCATGCAGGCCACCTGGCTGGGAAAATGGCACTGACCAAGG
CTTCATCTGTGGCATCATCCGACAAGGGCTCCTGCTGCATCGTAGCTGCTGGCAGCCAAGGCCCTGTCTG
CCCAGCCTGGTCTGGCCCCGGGAGGCCCTGACAGCCTGTTTGTCTGTCGGAGGCACCTGTGGGTAGC
CATGGAACAGCACATTCAGAGTTCCACCAACATGGACTACTTCAAGTTCCACAACATGCGACCCC
CTTTCACCTACGCCACGCTCATCCGCTGGGCCATCCTGGAGGCTCCAGAGAAGCAGCGGACACTCAATGA
GATCTACCACTGGTTCACACGCATGTTTGCCTTTCAGAAACCATCTGCCACCTGGAAGAAGCCATC
CGCCACAACCTGAGTCTGCACAAGTGCTTGTGCGGGTGGAGAGCGAGAAGGGGGCTGTGTGGACCGTGG
ATGAGCTGGAGTTCGCAAGAAACGGAGCCAGAGGCCAGAGGCCAGAGGTGTCCAACCCTACACCTGGCCCTG
A
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Restriction Sites:	Please inquire
ACCN:	NM_001114377



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Insert Size:	3200 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:	The ORF of this clone has been fully sequenced and found to be a perfect match to NM_001114377.1.
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:	<ol style="list-style-type: none"> 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:	<u>NM_001114377.1, NP_001107849.1</u>
RefSeq Size:	2292 bp
RefSeq ORF:	1191 bp
Locus ID:	50943
UniProt ID:	<u>Q9BZS1</u>
Cytogenetics:	Xp11.23
Protein Families:	Transcription Factors
Gene Summary:	<p>The protein encoded by this gene is a member of the forkhead/winged-helix family of transcriptional regulators. Defects in this gene are the cause of immunodeficiency polyendocrinopathy, enteropathy, X-linked syndrome (IPEX), also known as X-linked autoimmunity-immunodeficiency syndrome. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) lacks an in-frame segment of the coding region, compared to variant 1. It encodes a shorter isoform (b), that is missing an internal segment compared to isoform a.</p>