

Product datasheet for **SC103781**

FOXP1 (NM_032682) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXP1 (NM_032682) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOXP1
Synonyms:	12CC4; hFKH1B; HSPC215; MFH; QRF1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC103781 sequence for NM_032682 edited (data generated by NextGen Sequencing)

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ATGATGCAAGAATCTGGGACTGAGACAAAAAGTAACGGTTCAGCCATCCAGAATGGGTCCG
GGCGGCAGCAACCACTTACTAGAGTGCGGGCGGTCTTCGGGAGGGGCGGTCCAACGGAGAG
ACGCCGGCCGTGGACATCGGGGCAGCTGACCTCGCCCACGCCAGCAGCAGCAGCAACAG
GCATTTCAAGTGGCAAGACAGCTCCTTCTTCAGCAGCAACAGCAGCAGCAAGTTAGTGA
TTAAAATCTCCCAAGAGGAATGACAAACAACCAGCTCTTCAGTTCCCGTGTCAAGTGGCT
ATGATGACACCTCAAGTTATCACTCCCCAGCAAATGCAGCAGATCCTCCAGCAACAAGTG
CTGAGCCCTCAGCAGCTCCAGGTTCTCCTCCAGCAGCAGCAGGCCCTCATGCTTCAACAG
CAGCAGCTTCAAGAGTTTATAAAAAACAACAGGAACAGTTGCAGCTTCAACTTTTACAA
CAACAACATGCTGAAAAACAGCCTAAAGAGCAACAGCAGGTGGCTACCCAGCAGTTGGCT
TTTCAGCAGCAGCTTTTACAGATGCAGCAGTTACAGCAGCAGCACCTCCTGTCTTTGCA
CGCCAAGGCCCTTCTGACAATTCAGCCCGGGCAGCCTGCCCTTCCCCTTCAACCTTTGCT
CAAGGCATGATTC AACAGA AACTGCAGCAGCTCTGAAAGAAGTGACAAGTGCTCATACT
GCAGAAGAAACCACAGGCAACAATCACAGCAGTTTGGATCTGACCACGACATGTGTCTCC
TCCTCTGCACCTTCCAAGACCTCCTTAATAATGAACCCACATGCCTCTACCAATGGACAG
CTCTCAGTCCACACTCCCAAAAGGGAAAGTTTGTCCCATGAGGAGCACCCCCATAGCCAT
CCTCTCTATGGACATGGTGTATGCAAGTGGCCAGGCTGTGAAGCAGTGTGCGAAGATTTT
CAATCATTTCTAAAACATCTCAACAGTGAGCATGCGCTGGACGATAGAAGTACAGCCAA
TGTAGAGTACAAATGCAGTTGTACAGCAGTTAGAGCTACAGCTTGCAAAAAGACAAAGAA
CGCCTGCAAGCCATGATGACCCACCTGCATGTGAAGTCTACAGAACCCAAAGCCGCCCT
CAGCCCTTGAATCTGGTATCAAGTGTCACTCTCTCCAAGTCCGCATCGGAGGCTTCTCCA
CAGAGCTTACCTCATACTCCAACGACCCCAACCGCCCCCTGACTCCCGTCACCCAAAGGC
CCCTCTGTCAACACAACCACAGCATGCACACGGTGGGACCCATCCGCAGGCGGTACTCA
GACAAATACAACGTGCCATTTCTGTCAGCAGATATTGCGCAGAACCAAGAATTTTATAAG
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TCTCCAGAAAAGCAGCTAACACTAAATGAGATCTATAACTGGTTCACACGAATGTTTGCT
TACTTCCGACGCAACGCGGCCACGTGGAAGAATGCAGTGCCTATAATCTTAGTCTTAC
AAGTGTTTTGTGCGAGTAGAAAACGTTAAAGGGGCAGTATGGACAGTGGATGAAGTAGAA
TTCCAAAAACGAAGGCCACAAAAGATCAGTGGTAACCTTCCCTTATTA AAAACATGCAG
AGCAGCCACGCCTACTGCACACCTCTCAATGCAGCTTTACAGGCTTCAATGGCTGAGAAT
AGTATACCTCTATACACTACCGCTTCCATGGGAAATCCCACTCTGGGCAACTTAGCCAGC
GCAATACGGGAAGAGCTGAACGGGGCAATGGAGCATACCAACAGCAACGAGAGTGACAGC
AGTCCAGGCAGATCTCCTATGCAAGCCGTGCATCCTGTACACGTCAAAGAAGAGCCCTC
GATCCAGAGGAAGCTGAAGGGCCCTGTCTTAGTGACAACAGCCAACCACAGTCCAGAT
TTTGACCATGACAGAGATTACGAAGATGAACCAGTAAACGAGGACATGGAGTGA

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Clone variation with respect to NM_032682.5

Restriction Sites: Please inquire

ACCN: NM_032682

Insert Size: 2660 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: A TrueClone.

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_032682.4</u> , <u>NP_116071.2</u>
RefSeq Size:	6222 bp
RefSeq ORF:	2034 bp
Locus ID:	27086
UniProt ID:	<u>Q9H334</u>
Cytogenetics:	3p13
Domains:	FH
Protein Families:	Transcription Factors
Gene Summary:	<p>This gene belongs to subfamily P of the forkhead box (FOX) transcription factor family. Forkhead box transcription factors play important roles in the regulation of tissue- and cell type-specific gene transcription during both development and adulthood. Forkhead box P1 protein contains both DNA-binding- and protein-protein binding-domains. This gene may act as a tumor suppressor as it is lost in several tumor types and maps to a chromosomal region (3p14.1) reported to contain a tumor suppressor gene(s). Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript and encodes isoform a (previously called isoform 1). Variants 1, 7, 9, 11 and 13 all encode the same isoform (a). 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>