

Product datasheet for **SC301668**

FOXP1 (NM_001012505) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXP1 (NM_001012505) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOXP1
Synonyms:	12CC4; hFKH1B; HSPC215; MFH; QRF1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001012505, the custom clone sequence may differ by one or more nucleotides ATGATGCAAGAATCTGGGACTGAGACAAAAAGTAACGGTTCAGCCATCCAGAATGGGTCG GGCGGCAGCAACCACTTACTAGAGTGCGGCGGTCTTCGGGAGGGGCGGTCCAACGGAGAG ACGCCGGCCGTGGACATCGGGCAGCTGACCTCGCCCAGCCCAGCAGCAGCAACAG TGGCATCTATAAACCATCAGCCCTCTAGGAGTCCCAGCAGTTGGCTTAAGAGACTAATT TCAAGCCCTTGGGAGTTGGAAGTCTGCAGGTCCCCTTGTGGGGAGCAGTTGCTGAGACG AAGATGAGTGGACCTGTGTGTCAGCCTAACCTTCCCCATTTGA
Restriction Sites:	Please inquire
ACCN:	NM_001012505
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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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).



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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_001012505.1](#), [NP_001012523.1](#)

RefSeq Size: 937 bp

RefSeq ORF: 345 bp

Locus ID: 27086

UniProt ID: [Q9H334](#)

Cytogenetics: 3p13

Protein Families: Transcription Factors

Gene Summary: 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]
Transcript Variant: This variant (2) lacks multiple 3' exons but has an alternate exon in the 3' end, compared to variant 1. The encoded isoform b (previously called isoform 2) has a shorter and distinct C-terminus, compared to isoform a.