

Product datasheet for **SC301658**

FOXP4 (NM_001012427) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXP4 (NM_001012427) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOXP4
Synonyms:	hFKHLA
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001012427, the custom clone sequence may differ by one or more nucleotides

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ATGATGGTGAATCTGCCTCGGAGACAATCAGGTCGGCTCCATCTGGTCAGAATGGCGTG
GGCAGCCTCTCTGGGCAAGCCGATGGCAGCAGCGGGCCACAGGGACAAGTCAAGT
GGCAGGGCAGGGAAGTGACCACGGGTGCAGACAGCAATGGTGAATGAGTCCCGCAGAG
CTGCTGCACTTCCAGCAGCAACAGGCTCTCCAAGTGGCCCGCAGTTCCTGCTGCAGCAG
GCCTCAGGCCTGAGCTCCCCAGGGAACAATGACAGCAACAGCTGCCTCTGCTGTGCAG
GTGCCTGTGTCGGTGGCCATGATGTCGCCGAGATGCTTACCCCGCAACAGATGCAGCAG
ATCCTGTGCGCCCCGAGCTGCAGGCCTTGTCTCCAGCAGCAGCAAGCCCTCATGTCCAG
CAGGAGTACTACAAGAAGCAGCAGGAGCAGCTCCACCTGCAGCTCCTACCCAGCAGCAG
GCTGGGAAACCGCAGCCAAAGAGGCACTGGGGAACAAGCAGCTGGCCTTCCAGCAGCAG
CTCCTGCAAAATGCAACAGTTGCAGCAGCAGCACCTGCTCAACCTGCAGAGGCAGGGGCTG
GTCAGCCTGCAGCCAAACCAAGCCTCGGGGCCCTCCAGACCCTCCGCAAGCAGCTGTT
TGCCCAACAGACCTGCCAGCTGTGGAAGGGCGAGGGTGCCTCCCGGGCAGCCTGCCGAG
GACAGCGTCAAGCAGGAGGGGCTGGACCTCACTGGCACGGCCGCCACCGTACCTCGTTT
GCCGCTCCCCCAAGGTCTACCCCCCTCTCCACCATACCCTGCCCAACGGACAGCCT
ACTGTGCTCACATCTCGGAGAGACAGCTTCCACGAGGAGACCCCGGCTCCACCCC
CTGTACGGACACGGAGAGTGCAAGTGGCCAGGCTGTGAGACCCTGTGTAAGACCTGGGC
CAGTTTATCAAACACCTCAACACAGAGCAGCCCTGGATGACCGGAGTACAGCCAGTGC
CGGGTACAGATGCAGGTGGTGCAGCAGCTGGAGATCCAGCTCGCCAAGGAGAGCGAGCGG
CTGCAGGCCATGATGGCCACCTGCACATGCGGCCCTCGGAGCCCAAGCCCTTACGCCAG
CCTGAAACCCGGTCCCCGGTCTCCTCATTCTCCAAGGTGACCGTCTCTGCAGCAGAC
TCATTCCAGATGGTCTGCTGCACCCCGACCTCGGCCGAGCCCTGTACCCCTCTA
CGGCCCTGGCCTGGGCTCTGCCTCCCTGCATGGTGGGGGCCAGCCCGTCGGAGAAGC
AGTGACAAGTTCTGCTCCCCATCTCCTCAGAGCTGGCCAGAATCATGATTCTACAAG
AACGCCGACGTCCGGCCCCCTTACCTACGCCTCCCTCATCCGCCAGGCCATCTTGAA
ACCCCTGACAGGCAGCTGACCCTGAATGAGATCTATAACTGGTTCACCAGGATGTTGCGC
TATTTCCGCAGAAACTGCCACCTGGAAGAAGCCGTGCGCCACAACCTCAGCCTGCAC
AAGTGCTTCGTCGCGTGGAGAACGTCAAGGGTCCGTGTGGACTGTGGACGAGCGGGAG
TATCAGAAGCGGAGACCCCAAAGATGACAGGGAGCCCCACCCTGGTGAAGAATGATC
TCTGGCCTCAGCTATGGAGCACTTAATGCCAGCTACCAGGCCCTGGCCGAGAGCAGC
TTCCCCCTCCTAACAGCCCTGGCATGCTGAACCTGGCTCCGCCAGCAGCCTGTGCC
CTCAGCCACGATGACGTGGGTGCCCCCTGGAGCCGTGCCAGCAACGGCAGCAGCAGC
CCTCTCGCCTCTCCCCGCCAGTACAGCCACCAGGTGCAGGTGAAGGAGGAGCCAGCA
GAGGCAGAGGAAGACAGGCAGCCGGGCTCCCCCTGGGCGCCCTAACCCAGCGCCTCG
GGGCTCCGGAAGACAGGGACCTGGAGGAGGAGTCCCGGGAAGAAGTGTCTAA

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- Restriction Sites:** Please inquire
- ACCN:** NM_001012427
- 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).

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_001012427.1, NP_001012427.1</u>
RefSeq Size:	5959 bp
RefSeq ORF:	2037 bp
Locus ID:	116113
UniProt ID:	<u>Q8IVH2</u>
Cytogenetics:	6p21.1
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. Many members of the forkhead box gene family, including members of subfamily P, have roles in mammalian oncogenesis. This gene may play a role in the development of tumors of the kidney and larynx. Alternative splicing of this gene produces multiple transcript variants, some encoding different isoforms. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) uses an alternate in-frame splice site in the coding region, compared to variant 1, resulting in a shorter protein (isoform 3).</p>