

Product datasheet for **SC301657**

FOXP4 (NM_001012426) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | FOXP4 (NM_001012426) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | FOXP4 |
| Synonyms: | hFKHLA |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL6</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |

Fully Sequenced ORF: >OriGene sequence for NM_001012426 edited
GCGAGCCAAGCAGCCACAAAGTGCATGCCCGCGGGGTTGAGGCGCGCGGGTCCGG
CCCGCGCGCTGGGAGGACGCCCGGGAGCTGCGCGACGCGGGCGCGCGGAAGGGCAGC
CCCGCGGGCGCGCGGGCCCGGGCTGCGACCGAGCGAGCCCATGCCCGCGCGGGC
TGACGGGCGGAGCCCGCACGGAGCGGGCGGGGACAGGTACCGCTAGAGCGACATGA
TGGTGGAATCTGCCTCGGAGACAATCAGGTCGGCTCCATCTGGTCAGAATGGCGTGGCA
GCCTCTCTGGCAAGCAGATGGCAGCAGCGGGGCCACAGGGACAAGTCAAGTGGCA
CGGGCAGGGAAGTGACCACGGGTGCAGACAGCAATGGTGAGATGAGTCCCGCAGAGCTGC
TGCACTCCAGCAGCAACAGGCTCTCAAGTGGCCGGCAGTTCTCTGCTGCAGCAGGCT
CAGGCCTGAGCTCCCGAGGAACAATGACAGCAAAAGTCTGCCTCTGCTGTGCAGGTGC
CTGTGTGGTGGCCATGATGTCGCCGAGATGTTACCCCGCAACAGATGCAGCAGATCC
TGTGCCCGCGCAGCTGCAGGCCTTGTCCAGCAGCAGCAAGCCCTCATGCTCCAGCAGC
TACAGGAGTACTACAAGAAGCAGCAGGAGCAGCTCCACCTGCAGCTCCTACCCAGCAGC
AGGCTGGGAAACCGCAGCCAAAGAGGCACTGGGGAACAAGCAGCTGGCCTTCCAGCAGC
AGCTCCTGCAAAATGCAACAGTTGCAGCAGCAGCACCTGCTCAACCTGCAGAGGCGGGG
TGGTCAGCCTGCAGCCAAACCAAGCCTCGGGGCCCTCCAGACCTTCCGCAAGCAGCTG
TTTGCCCAACAGACCTGCCCGAGCTGTGGAAGGGCGAGGGTGCAGCCCGGGCAGCCTGCC
AGGACAGCGTCAAGCAGGAGGGGCTGGACCTCACTGGCACGGCCGCCACCGCTACCTCGT
TTGCCGCTCCCCCAAGGTCTCACCCCCCTCTCCACCATACCTGCCAACGGACAGC
CTACTGTGCTCACATCTCGGAGAGACAGCTCTTCCACGAGGAGACCCCGGCTCCACCC
CCCTGTACGGACACGGAGAGTGCAAGTGGCCAGGCTGTGAGACCTGTGTGAAGACCTGG
GCCAGTTTATCAAAACACCTCAACACAGAGCAGCCCTGGATGACCGGAGTACAGCCAGT
GCCGGGTACAGATGCAGGTGGTGCAGCAGCTGGAGATCCAGCTCGCCAAGGAGAGCGAGC
GGCTGCAGGCCATGATGGCCACCTGCACATGCGGCCCTCGGAGCCCAAGCCCTTACGCC
AGCCACTGAACCCGGTCCCCGGCTCCTCCTCATTCTCAAGGTGACCGTCTCTGCAGCAG
ACTCATTCCAGATGGTCTCGTGCACCCCGACCTCGGCCGAGCCCTGTACCCCTC
TACGGCCCTGGCTGGCTCTGCCTCCCTGCATGGTGGGGGCCAGCCCGTGGAGAA



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GCAGTGACAAGTTCTGCTCCCCATCTCCTCAGAGCTGGCCAGAATCATGAGTTCTACA
 AGAACGCCGACGTCCGGCCCCCTTACCTACGCTCCCTCATCCGCCAGGCCATCTGG
 AAACCCCTGACAGGCAGCTGACCCTGAATGAGATCTATAACTGGTTCACCAGGATGTTG
 CCTATTTCCGCAGAAACTGCCACCTGGAAGAACGCCGTGCCACAACTCAGCCTGC
 ACAAGTGTTCGTCGCGTGGAGAACGTCAAGGGTGCCGTGTGGACTGTGGACGAGCGGG
 AGTATCAGAAGCGGAGACCGCCAAGATGACAGGGAGCCCCACCCTGGTGAAGAATGA
 TCTCTGGCCTCAGCTATGGAGCACTTAATGCCAGCTACCAGGCCCTGGCCGAGAGCA
 GCTTCCCCCTCCTCAACAGCCCTGGCATGCTGAACCCTGGCTCCGCCAGCAGCCTGCTGC
 CCTCAGCCACGATGACGTGGGTGCCCCCGTGGAGCCGCTGCCAGCAACGGCAGCAGCA
 GCCCTCTCGCCTCTCCCCGCCAGTACAGCCACCAGGTGCAGGTGAAGGAGGAGCCAG
 CAGAGGCAGAGGAAGACAGGCAGCCGGGCTCCCTGGGCGCCCTAACCCAGCGCT
 CGGGGCTCCGGAAGACAGGGACCTGGAGGAGGAGTCCGGGAGAAGAACTGTCCTAAG
 GGCCTGTAGTGACCGCAGGGCTGGGTGAGACCCCTCCCTCCAGAATCCAGGCCCAT
 CTCCCCAACTCCACAGCCCTCCCGAGCCTCAAGGCAAGTCCAGGACTCAGACCGGGGA
 GGCCCGGCCAGCAGCTCCAGTGTGACCTGACAAAAACAGTAGGGGCAGGGACGGTCC
 CCACCCCAAGGCACAAACCCTGGTCTTGACCAGTAGAGGACACGGAGGGTTCAGACC
 CCTCTCAGACCCCTCCCCACATCTGAAACTGCCTCCCCCAACCACCAGCAGCAGAGGG
 CCTCTCCCCACCAGCTCTCCCCACAGGGCCCTCAGCATCATGGAGACCCGCAGGCG
 GGGCTTAGCCACCCTCAAACCCAGGGCCCTGGCACCTGGCTCTGGCCGTGTTTTCTG
 GCCAGAGGCCCACTTTCTAACTCGTGCTCCCTCCGCCTTCTTTCCGTAAGTGAA
 GAAAGAACTCTCACCCAGCTCCACCCCTGCCCTGGCTGGGTGGAGGAACTGTGCCTC
 CATCCCCAGAAGAAACAGCCCCCTCTGCTGCTGGGTGGGACTGTCTGTGTGCCCTGTG
 GGTCCGTGTGAGCAGGCCACCTGGCTCCAGACCCGCCCAACTGAGACAGAACCAG
 GCTGAGCCAGGCTCCACCCCAACCCCGTTTGTGGGGCTCCTCCAGCCGCCCCATG
 GGAAGAGGCTGGTACCGCTCACCCACAGAGGTCTGTGCCAGGTGCGCTTCTGCAGGTG
 GAGCAAGCTCTCCCTGAGGCCAGAGCGGGGCTGGGCCGGGAGCCAGGGGAAGGCCA
 GGCTGGACCCCGCTCCACCCACATCCAGCCTGCAGGCCTCTCTGCAGTCTCTCACC
 CTCCCTCAGTCCCCTTCTCTGCAGTACCCTCAGTCCCCTTCTTGGCCGCTCTCC
 CCCCAGCCGCCACCAGTAAACGGATGACCAAGACCTTCTTATGCCGGAAGCAAAAA
 CCAAAAAAAAAAAAAA

- Restriction Sites:** Please inquire
- ACCN:** NM_001012426
- Insert Size:** 3300 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_001012426.1.
- 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).

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| 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_001012426.1, NP_001012426.1</u> |
| RefSeq Size: | 5965 bp |
| RefSeq ORF: | 2043 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 (1) represents the longest transcript and encodes the longest isoform (1).</p> |