

Product datasheet for **SC309254**

FOXP4 (NM_138457) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: FOXP4 (NM_138457) Human Untagged Clone
Tag: Tag Free
Symbol: FOXP4
Synonyms: hFKHLA
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_138457 edited
 GCCGTCCTGCGACCGGACAGTGC GGCCGGCCGGCCGGCCGGGACGGAGCCCCCAGC
 CCGCGAGGAGGGCGCGGCAGGCGCGCGCGCGCGGGAGGAGCCCGGCCGGAAC
 CAGGGCTGGGCCGGGGCGGGGACGCCGGGTCCGGGAGCCCGGAGCCGAGCGAGCTG
 ACGAGCGTCGCGAAGGACCGGGAAGGAAGAGCGGAGCCGGAGCGCAAGCAGCCAC
 AAAGTGCCATGCCCGCGGGGTTGAGGCGCGCGCGGTCCGCCCGCGCGCTGGGAGGA
 CGCCCGGAGCTGCGCGACGCGGGCGCGCGGAAGGGCAGCCCCGGCGGGCGCGCGG
 GCCCGGGTGCACCGGAGCGAGCCCCATGCCCGCGCGGGTACGGGCCGGAGCCCGC
 ACGGAGCGCCGGCGGGACAGGTACCGCTAGAGCGACATGATGGTGGAATCTGCCTCGG
 AGACAATCAGGTCGGCTCCATCTGGTCAGAATGGCGTGGGCAGCCTCTCTGGCAAGCCG
 ATGGCAGCAGCGCGGGCCACAGGGACAAGTGAAGTGGCAGCGGAGGAAAGTACCA
 CGGGTGCAGACAGCAATGGTGAGATGAGTCCCGCAGAGCTGCTGCACTTCCAGCAGCAAC
 AGGCTCTCCAAGTGGCCCGCAGTTCCTGCTGACGAGGCCTCAGGCCTGAGTCCCCAG
 GGAACAATGACAGCAAACAGTCTGCCTCTGCTGTGCAGGTGCCTGTGTCGGTGGCCATGA
 TGTGCGCCGAGATGCTTACCCCGCAACAGATGCAGCAGATCCTGTGCGCCCCGCGAGCTGC
 AGGCCTTGTCCAGCAGCAGCAAGCCCTCATGCTCCAGCAGCTACAGGAGTACTACAAGA
 AGCAGCAGGAGCAGCTCCACCTGCAGCTCCTCACCCAGCAGCAGGCTGGGAAACCGCAGC
 CCAAAGAGGCACTGGGGAACAAGCAGCTGGCCTTCCAGCAGCAGCTCCTGCAAAATGCAAC
 AGTTGCAGCAGCAGCACCTGCTCAACTGCAGAGGCAGGGGCTGGTCAAGCTGCAGCCCA
 ACCAAGCCTCGGGGCCCTCCAGACCCTTCCGCAAGCTGTTTGCCCAACAGACCTGCCCC
 AGCTGTGGAAGGCGAGGGTGCCCCGGGCAGCCTGCCGAGGACAGCGTCAAGCAGGAGG
 GGCTGGACCTCACTGGCAGCGCCGCCACCGCTACCTCGTTTGCCGCTCCCCCAAGGTCT
 CACCCCCCTCTCCACCATAACCTGCCAACGGACAGCCTACTGTGCTCACATCTCGGA
 GAGACAGCTTTCCACGAGGAGACCCCGGCTCCACCCCTGTACGGACACGGAGAGT
 GCAAGTGGCCAGGCTGTGAGACCCTGTGAAGACCTGGGCCAGTTTATCAAACACCTCA
 ACACAGACACGCCCTGGATGACCGGAGTACAGCCAGTCCGGGTACAGATGCAGGTGG
 TGCAGCAGCTGGAGATCCAGCTGCCAAGGAGAGCGAGCGGCTGCAGGCCATGATGGCC



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ACCTGCACATGCGGCCCTCGGAGCCCAAGCCCTTCAGCCAGCCAGTGACCGTCTCTGCAG
 CAGACTCATTCCCAGATGGTCTCGTGCACCCCCGACCTCGGCCGAGCCCTGTCAACC
 CTCTACGGCCCCCTGGCCTGGGCTCTGCCTCCCTGCATGGTGGGGGCCAGCCCGTCGGA
 GAAGCAGTGACAAGTTCTGTCCCCCATCTCCTCAGAGCTGGCCCAAGATCATGAGTTCT
 ACAAGAACGCCGACGTCCGGCCCCCTTACCTACGCCTCCCTCATCCGCCAGGCCATCC
 TGGAAACCCCTGACAGGCAGCTGACCCTGAATGAGATCTATAACTGGTTACCAGGATGT
 TCGCCTATTTCCGCAGAAACACTGCCACCTGGAAGAACGCCGTGGCCACAACCTCAGCC
 TGCACAAGTGCTTCGTCCGCGTGGAGAACGTCAAGGGTGCCGTGTGGACTGTGGACGAGC
 GGGAGTATCAGAAGCGGAGACCGCCAAAGATGACAGGGAGCCCCACCCTGGTGAAGAACA
 TGATCTCTGGCCTCAGCTATGGAGCACTTAATGCCAGCTACCAGGCCGCCCTGGCCGAGA
 GCAGCTTCCCCCTCCTCAACAGCCCTGGCATGCTGAACCCTGGCTCCGCCAGCAGCTGC
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 GCAGCCCTCCTCGCTCTCCCCGCCAGTACAGCCACCAGGTGCAGGTGAAGGAGGAGC
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 CCTCGGGCCTCCGGAAGACAGGGACCTGGAGGAGGAGCTGCCGGGAGAAGAAGTGTCT
 AAGGGCCTGTAGTGACCCGACGGGCTGGGGTGGAGCCCTCCCTCCAGAATCCAGGCC
 CATCTCCCCAACTCCACAGCCCTCCCGAGCCTCAAGGCAAGTCCAGGACTCAGACCGG
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 GGGCCCTCCTCCCCACAGCTCTCCCCACAGGGCCCCCTCAGCATCATGGAGACCCGAC
 GCGGGCTTAGCCACCCCTCAAACCCAGGGCCCCCTGGCACCTGGCTCTGGCCGTGTTTT
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 GAAGAAAGAACTCTCACCCAGCTCCACCCCTGCCCTGGCCTGGGTGGAGGAAGTGTGC
 CTCCATCCCCAGAAAGAACAGCCCTCTGCTGTGGGTGGGACTGTCTGTGTGCCCTG
 TGGGGTCCGTGTGAGCAGGCCACCTGGCTCCAGACCCGCCCAACCTGAGACAGAAC
 CAGGCTGAGCCAGGCCTCACCCCAACCCCGTTTGTGGGGCTCCTCCAGCCGCCCC
 ATGGGAAGAGGCCTGGTACCGCTCACCCACAGAGGTCTGTGCCAGGTGCGCTTCTGCAG
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 CCAGGCTGGACCCGGCTCCACACCCACATCCAGCCTGCAGGCCTCTCTGCAGTCTCTC
 ACCCTCCCTCAGTCCCCTTCTCTGCAGTACCCTCAGTCCCCTTCTTGCCCGCCTC
 TCCCCCGCCGCCACCAGTTAAACGGATGACCAAGACCTTTCTTATGCCGGAAGCAA
 AAACAAAATTTTTGTTGGCTTTTTCTTTGTGCGCTCCCCAGCACCTGCCCTCCCAGT
 CTCCCACCCCGGCCAGGCTGGAAGCCCTCCCTCCACTTAAGTTATTGTTTTAAACCAA
 AGTTTACAGTGTCTGTTGGTGGCCAAGACCTTCTCTCCACCCCTCCTCCATCCACCCT
 GAGGACCTGGGGCTCAGTGGAGGCAGGGCCCTGCCCCCTCCCTCCGCTCCTGCCAG
 CCTGGGGGAAGGAGAAAGGAGGGGAGAAAGCGGGCTCTCACCCCTCAGGAGTGGGCACG
 GGAGCCCTTCTCCCTGACCCTGGGCTGCTTCTGGGGCTCTCCAGACCCCTCTTAGGA
 CCAAGTACCCGTCGTGCTGGGAGTGTGATTCTAGCAAAAGAGCTGGAAGAAAGTCAAG
 CTCTCCACAGACCCCTATGGGGGACCCCAACTCAAGGCCAAGGACTGGGCGTATCGGA
 TGCTATAAACCCCTGGCCTGGCCCTTACTGAGAAGACTCCTTGGATATTTCCCAAAG
 AACCCCCACATAACCCCTCACAAGCCACCCTCCTGAGAGGCAGGGGGCCCTCCGCC
 CCTCCCATGTATTCCCCACCTGTGTTCCGTTTGACCAGCACAGAAATATTAACGCTCT
 CTATTCAA

Restriction Sites: Please inquire
ACCN: NM_138457
Insert Size: 4200 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_138457.2.
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_138457.2</u> , <u>NP_612466.1</u>
RefSeq Size:	5926 bp
RefSeq ORF:	2004 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 (2) uses several alternate in-frame splice sites in the coding region, compared to variant 1, resulting in a shorter protein (isoform 2).</p>