

Product datasheet for **SC303021**

FOXF2 (NM_001452) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | FOXF2 (NM_001452) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | FOXF2 |
| Synonyms: | FKHL6; FREAC-2; FREAC2 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL4</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >OriGene sequence for NM_001452 edited
 GCCTCGCTCCCGGGTCCCAGATGACCACCGAGGGCGGGCCGCGCCGCCCCGCTCCGCC
 GCGCGTGACGCCCGGTCCCCGGCGCGCTCCAGGCCGCCCTGATGAGCCCGCCCGCCGCG
 CCGCCGCGCGCCGCGCCGCCGCCCGGAGACCCTCCTCCTCGTCTGTCGTCTCCTCGC
 CCTCTGCGCCTCGTCTCGTCTCCTCAATTCGGCCAGCGCCCCCTCGGCTGCCTGCA
 AGAGCGGGGGCGGCGGCGGGCGGGCGGGGAGCGGGGGCCCAAGAAGGCGAGCTCGG
 GGCTGCGGCGGCCGAGAAGCCGCCCTACTCGTACATCGCGCTCATCGTATGGCCATCC
 AGAGCTCGCCAGCAAGCGCTGACGCTCAGCGAGATCTACCAGTTCCTGCAGGCGCGCT
 TCCCTTCTTCCGCGGCCCTACCAGGGCTGGAAGAACTCGGTGCGCCACAATCTCTCGC
 TCAACGAGTGTTTATCAAGCTGCCTAAGGGCCTCGGGCGGCCGGAAGGGCCACTACT
 GGACCATCGACCCGGCCAGCGAGTTCATGTTTCGAGGAGGGCTCGTTCGCGCGCGGCCG
 GCGGCTTCAGGCGGAAGTCCAGGCGCTCAAGCCATGTACCACCGCTGGTGAGCGGCT
 TGGGCTTCGGGGCGTCTGCTGCCAGGGCTTCGACTTCCAGGCGCCCCGTCGGCGC
 CGCTCGGCTGCCACAGCCAGGGCGCTACGGCGGCTCGACATGATGCCCGGGCTACG
 ACGCCGCGCGGGCGCCCCAGCCAGCGCACCCCTCACCACCACCACCACCACAGTCC
 CGCACATGTCGCCAACC CGGGTTCACCTACATGGCCAGCTGCCCGGTGCCCGGGGAC
 CCGGGGGCGTCCGTGCGGCCGGGGCGGCGGCGGCGGCGGCGACTACGGCCGGACAGCA
 GCAGCAGCCCGGTACCCTCGTCCCCGGCCATGGCGAGCGCCATCGAATGCCACTCGCCCT
 ACACGAGCCCTGCGGCGCACTGGAGCTCGCTGGCGCCTCGCCTTACCTCAAGCAGCCGC
 CTGCCCTGACGCCAGCAGCAACCCCGCCGCTCGGCAGGCTGCACTCCAGCATGTCCT
 CCTACTCGCTGGAGCAGAGCTACTTGCACCAGAACGCTCGCGAGGACCTCTCAGTGGGAC
 TGCCCCGTTACCAGCATCACTCTACTCCAGTGTGTGACAGAAAAGATTTTCTCCTCAACT
 TCAATGGGATTTCTTCTTCCATCCCTCAGTACGCGGTGATTATCACCATCACACC
 AGAGCGTCTGTACAGGATATTAAGCCCTCGTTCATGTGAACGGAAAGAGGCCAAGCGATGG
 CCGCTCTCTCTCTCCCTCCTCAGAGGGGCGAGATAGAAACTGGGACGGATTCAAGTCA
 CATGCACGCGGATAGCAGTAAGCCACACACCTGCCACTTAGCCAGAATGCCAGGATCGC
 GTTGGTCACTGTTATTTGCCTACTGCTGGAAGAAGGACAACCGCTGGCAAGGTAGCGTTC
 CCCAATCTGAATACCTGCAGGCTCCACATGAGGGAGAGGGCAGACTCAGGTGGGAAGAT
 GTGCCATGCGTAAGGCATCAACGTGTATCTGTGGGATCTTCGTTGCCTTCAGTAATCAGG
 GTGTGAAAAAAGCAGACAAGTTGTGTGTGTGTGTGTCTAAGAAAATTGTGTGCTT
 TTCAAAAAGGCAGTGCTAAGCACAAGATTTCAAGAAAGCCTCTTCTTGTTCCTAGCTGA
 GTGGGAGAGTCATTTTCCCAGACACTACATTTGGATACAGGTGCCAAAGAACATTATTA
 AGGAATATTTAGAAACAATGTGTCTAGTTTAAGAAAGTGGTTTTTCAGTATTGTGACAAT
 ACAACGTTTTTACAAGGTTGTTTTTACCACCATATTTTAAAGATATTTTATGACCGTG
 TATACTCACACTTTGCTTGTATTTTAAAGGAGGATATATTTGCACTTATGTATACTTTT
 ACAGTTTGCCAAAATATTTTGTGTAATAATTTTTTCAATAAAATGTATATAACAAAAA
 AAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_001452

Insert Size: 2200 bp

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| OTI Disclaimer: | <p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p> |
| OTI Annotation: | It is not a variant. |
| 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: | NM_001452.1 , NP_001443.1 |
| RefSeq Size: | 2187 bp |
| RefSeq ORF: | 1335 bp |
| Locus ID: | 2295 |
| UniProt ID: | Q12947 |
| Cytogenetics: | 6p25.3 |
| Gene Summary: | FOXF2 encodes forkhead box F2, one of many human homologues of the Drosophila melanogaster transcription factor forkhead. FOXF2 is expressed in lung and placenta, and has been shown to transcriptionally activate several lung-specific genes. [provided by RefSeq, Jul 2008] |