

Product datasheet for **SC116872**

FOXC2 (NM_005251) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXC2 (NM_005251) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOXC2
Synonyms:	FKHL14; LD; MFH-1; MFH1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL6</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005251 unedited TATTTACCCGCCGNTGNCGCAATGGGCGGTAGGCGTGTACGGTGGGAGGTCTATATAAG CAGAGCTCATTTAGGTGACACTATAGAATACAAGCTACTTGTCTTTTTGCAGCGGCCGC GAATTCGCACGAGGGGACTTGGCTCTTTTTCTGGGCTCAGCGGGCAGCCGCTCGGAC CCCGGCCGCTGACCCCTCGGGCTGCCGATTGCTGGGGCTTGGAGAGCCTCCTGCGCC CCTCCTCGCGCGGCCGAGGGTCCACCTTGGTCCCCAGGCCGCGGCTCTCCGCTGGGTC CGCGGCCGCCCGCTGCCCGCGCTGCCCGCGGGTCTGGAGCCAGCAGGAGCGGGG CCGGCGCTGCGCTTGCCCGGGGCGGCCCTCCAGGATGCCGATCCGCCCGGTCCGCTGAA AGCGCGCGCCCTGCTCGGCCGAGCGCGCCCGCGCACCTCGCCCCGAGGCTGC CAGGAGCCGGGGCGCCCTCCCGCTCCCTCCTCTCCCTCTGGCTCTCTCGCGCTC TCTCGCTCTCAGGGCCCCCTCGCTCCCCGGCCGAGTCCGTGCGCGAGGGCGCCGGCG AGCGCTCTCGGAAGCAGCATGCAGGCGCGCTACTCCGTGTCGACCCCAACGCCCTGGGN AGTGGTGCCTACCTGAGCGAGCAGAATTACTACGGGCTGCGGGCAGCTACGGCGGCAT GGGCCAGCCCATGGGCGTCTATTCCGGCCACCCGAGCAGTACAGCGCGNGGATGGGCN CGNTNNTACGCGCTACCACCACCAGNCCGCGNGCCTAAGGACCTGGNNTGAGCC GCCCTACAGCTACATCGNGCTCATACCATGGCCATCCAGAACGCNGCCGANAAGAAGAT CACCTGAACGGGCATCTACAGTT
Restriction Sites:	NotI-NotI
ACCN:	NM_005251
Insert Size:	2500 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).
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_005251.1 , NP_005242.1
RefSeq Size:	1506 bp
RefSeq ORF:	1506 bp
Locus ID:	2303
UniProt ID:	Q99958
Cytogenetics:	16q24.1
Domains:	FH
Protein Families:	Druggable Genome, Transcription Factors

Gene Summary:

This gene belongs to the forkhead family of transcription factors which is characterized by a distinct DNA-binding forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in the development of mesenchymal tissues.
[provided by RefSeq, Jul 2008]