

Product datasheet for **MC216796**

Foxc2 (NM_013519) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxc2 (NM_013519) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Foxc2
Synonyms:	Fkh14; Hfhbf3; MFH-1; Mfh1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216796 representing NM_013519
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCAGGCGGTTACTCGGTATCGGACCCCAACGCCTGGGAGTGGTACCCTATTTGAGTGAGCAA
 ACTACCGGGCGGCCGAGCTACGGCGGCATGGCCAGCCCATGGGCGTCTACTCCGGCCACCGGAGCA
 GTACGGCGCCGGCATGGGCCGCTCTACGGCCCTACCACCACCAGCCCGCGGCCCAAGGACCTGGTG
 AAGCCGCCCTACAGCTATATAGCGCTCATCACCATGGCGATCCAGAACGCGCCAGAGAAGAAGATCACTC
 TGAACGGCATCTACCAGTTCATCATGGACCGTTTCCCCTTCTACCGGAGAAACAAGCAGGGCTGGCAGAA
 CAGCATCCGCCACAACCTGTCACTCAATGAGTGTTCGTGAAAGTGCCGCGGACGACAAGAAGCCGGGC
 AAGGGCAGCTACTGGACGCTCGACCCGGACTCCTACAACATGTTTCGAGAATGGCAGCTTCTCGGGCGGC
 GCGGGCGCTTCAAGAAGAAGGATGTGCCAAGGACAAGGAGGAGCGGGCCACCTCAAGGAGCCGCCCTC
 GACCACGGCCAAGGGCGCTCCGACAGGGACCCCGGTAGCTGACGGGCCCAAGGAGCCGAGAAGAAAGTC
 GTGGTTAAGAGCGAGGCGCGTCCCCCGCGCTGCCGGTATACCAAGGTGGAGACGCTGAGCCCCGAGG
 GAGCGCTGCAGGCCAGTCCGCGCAGCGCATCTCCACGCCCGCAGGTTCCCCAGACGGCTCGCTGCCGGA
 GCACCACGCCCGCGGCCTAACGGGCTGCCCGGCTTACGCGTGGAGACCATCATGACGCTGCGCAGCTCG
 CCTCCGGGCGGGCATCTGAGCCAGCGCCGCGCGCGCCGGCCTGGTGGTGCCACCGCTGGCACTGCCAT
 ACGCCGCAGCGCCACCCGCCGCTTACACGCAGCCGTGCGCGCAGGGCCTGGAGGCTGCGGGCTCCGCGGG
 CTACCAGTGCAGTATGCGGGCTATGAGTCTGTACACCGGGGCGAGCGGCCCGCGCACGTGTGCGTTCCG
 CCCGCGCTGGACGAGGCTCTGTGCGACCACCCGAGCGGCCCGGCTCCCCGCTCGGGCCCTCAACTCG
 CAGCGGGTCAGGAGGGCGGTTGGGGCCTCGGTCACCACCAGCATCACGGCCACCTCCACCCGCA
 GGCGCCACCGCCCGCCGCGAGCCCTCCCGCGCCGACGCCCGCCACCCAGGCCACCTCCTGGTATCTG
 AACCCAGCGCGGGACCTGAGCCACCTCCCCGGCCACACGTTTGAACCCAAACAGCAAACCTTCCCCAACG
 TCCGGGAGATGTTCAACTCGCACCGGCTAGGACTGGACAACCTCGTCCCTCGGGGAGTCCCAGGTGAGCAA
 TCGGAGCTGTGAGCTGCCCTATCGAGCTACGCCGTCCTCTACCGCCACGACGCCCCCTACTCTTACGAC
 TGCACCAAATACTGA

ACGGCTACGGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_013519

Insert Size: 1485 bp

OTI Disclaimer: 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.

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](#)

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_013519.2</u> , <u>NP_038547.2</u>
RefSeq Size:	2739 bp
RefSeq ORF:	1485 bp
Locus ID:	14234
UniProt ID:	<u>Q61850</u>
Cytogenetics:	8 70.33 cM
Gene Summary:	Transcriptional activator. Might be involved in the formation of special mesenchymal tissues. [UniProtKB/Swiss-Prot Function]