

Product datasheet for **SC308090**

FOXM1 (NM_202002) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXM1 (NM_202002) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOXM1
Synonyms:	FKHL16; FOXM1A; FOXM1B; FOXM1C; HFH-11; HFH11; HNF-3; INS-1; MPHOSPH2; MPP-2; MPP2; PIG29; TRIDENT
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_202002 edited

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GTGAAAACGCAGATTTCATAATGAAAAGTCCCGCCGCTCGGCCACTGATTCTCAAAGACG
GAGGCTGCCCCCTCCTGTTCAAATGCCCAAGTGAAACATCAGAGGAGGAACCTAAGAG
ATCCCCTGCCCAACAGGAGTCTAATCAAGCAGAGGCCCTCAAGGAAGTGGCAGAGTCCAA
CTCTTGCAAGTTTCCAGCTGGGATCAAGATTATTAACCCACCCACCATGCCCAACACGCA
AGTAGTGGCCATCCCCAACAATGCTAATATTCACAGCATCATCACAGCACTGACTGCCAA
GGGAAAAGAGAGTGGCAGTAGTGGGCCCAACAAATTCATCCTCATCAGCTGTGGGGGAGC
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AGAAGTGACCCTGGAGACCTTGGGACCAAAACCTGCAGCTAGGGATGTGAATCTTCCTAG
ACCACCTGGAGCCCTTTGCGAGCAGAAACGGGAGACCTGTGCAGATGGTGAGGCAGCAGG
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GGACAGGTTAAGGTTGAGGAGCCTTCGAGACCATCAGCGTCTGGCAGAACTCTGTGTC
TGAGCGGCCACCCCTACTTTACATGGCCATGATACAATTCGCCATCAACAGCACTGAGAG
GAAGCGCATGACTTTGAAAGACATCTATACGTGGATTGAGGACCACTTTCCCTACTTTAA
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GTTTGTCCGGGAGACGTCTGCCAATGGCAAGGTCTCCTTCTGGACCATTACCCCAAGTGC
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CAGCTCATACCTGGTACCTATCCAGTTCGGGTGAACCACTGCTGGTGTTCAGCCCTC
GGTGAAGGTGCCATTGCCCTGGCGGCTTCCCTCATGAGCTCAGAGCTTGCCCGCCATAG
CAAGCGAGTCCGATTGCCCAAGGTTTTTGGGGAACAGGTGGTGTGTTGTTACATGAG
TAAGTTCTTTAGTGGCGATCTGCGAGATTTTGGTACACCCATCACCAGCTTGTAAATTT
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AGGACCAGGGAAAGAGGAGAACTCCTGTTTGGAGAAGGGTTTTCTCTTTGCTTCCAGT

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TCAGACTATCAAGGAGGAAGAAATCCAGCCTGGGGAGGAAATGCCACACTTAGCGAGACC
CATCAAAGTGGAGAGCCCTCCCTTGAAGAGTGGCCCTCCCCGGCCCCATCTTTCAAAGA
GGAATCATCTCACTCCTGGGAGGATTTCGTCCCAATCTCCCACCCCAAGACCCAAGAAGTC
CTACAGTGGGCTTAGGTCCCAACCCGGTGTGTCTCGGAAATGCTTGTGATTCAACACAG
GGAGAGGAGGGAGAGGAGCCGGTCTCGGAGGAAACAGCATCTACTGCCTCCCTGTGTGGA
TGAGCCGGAGCTGCTCTTCTCAGAGGGGCCAGTACTTCCCGCTGGGCCGAGAGCTCCC
GTTCCCAGCAGACTCCTCTGACCCTGCCTCCCAGCTCAGCTACTCCCAGGAAGTGGGAGG
ACCTTTTAAGACACCCATTAAGGAAACGCTGCCATCTCCTCCACCCGAGCAAATCTGT
CCTCCCCAGAACCCTGAATCCTGGAGGCTCACGCCCCAGCCAAAGTAGGGGACTGGA
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TCATTATCCAGAGACTGCCAGAAGGTGGTAGGATGACCTGGGTTTCAATTGACTTCTG
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TGGATGCAACTGAAGCAGAGTGTGGGTGCCAGATGTGCGCTATTAGATGTTTCTCTGAT
AATGTCCCAATCATACCAGGGAGACTGGCATTGACGAGAACTCAGGTGGAGGCTTGAGA
AGGCCGAAAGGGCCCTGACCTGCCTGGCTTCTTAGCTTGCCCTCAGCTTTGCAAAGA
GCCACCCTAGGCCCCAGCTGACCGCATGGGTGTGAGCCAGCTTGAGAACACTAATACTC
AATAAAAGCGAAGGTGGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

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Restriction Sites:

Please inquire

ACCN:

NM_202002

Insert Size:

3500 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](#)

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:	<u>NM_202002.1, NP_973731.1</u>
RefSeq Size:	3641 bp
RefSeq ORF:	2406 bp
Locus ID:	2305
UniProt ID:	<u>Q08050</u>
Cytogenetics:	12p13.33
Protein Families:	Transcription Factors
Gene Summary:	<p>The protein encoded by this gene is a transcriptional activator involved in cell proliferation. The encoded protein is phosphorylated in M phase and regulates the expression of several cell cycle genes, such as cyclin B1 and cyclin D1. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1).</p>