

Product datasheet for **SC330081**

FOXM1 (NM_001243089) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXM1 (NM_001243089) 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
Vector:	pCMV6-Entry (PS100001)



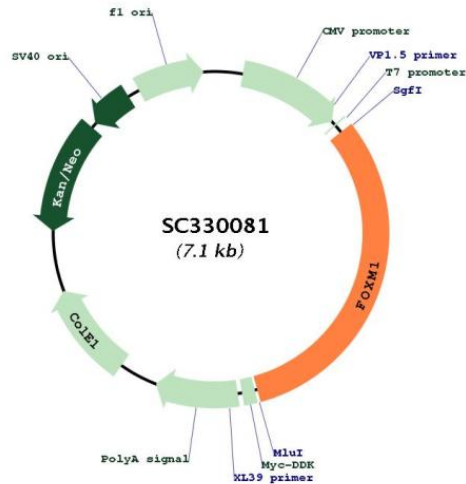
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Fully Sequenced ORF: >SC330081 representing NM_001243089.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGAAACTAGCCCCGTCGGCCACTGATTCTCAAAGACGGAGGCTGCCCTTCTCTGTTCAAATGCC
CCAAGTGAACATCAGAGGAGGAACCTAAGAGATCCCCTGCCAACAGGAGTCTAATCAAGCAGAGGCC
TCCAAGGAAGTGGCAGAGTCCAACCTTTGCAAGTTCCAGCTGGGATCAAGATTATAACCCACCCACC
ATGCCCAACACGCAAGTAGTGGCCATCCCCAACAAATGCTAATATTCACAGCATCATCACAGCACTGACT
GCCAAGGAAAAGAGAGTGGCAGTAGTGGGCCAACAAATTCATCCTCATCAGCTGTGGGGAGCCCA
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TCAGAGCTTGGCCGCATAGCAAGCGAGTCCGCTTGGCCCAAGGTGCTGCTAGCTGAGGAGGGGATA
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CAGGAAGTGGGAGGACCTTTAAGACCCCATTAAGGAAACGCTGCCATCTCCTCCACCCCGAGCAAA
TCTGTCTCCCGAACCCTGAATCCTGGAGGCTCACGCCCCAGCCAAAGTAGGGGACTGGATTTC
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ACCACTCCCTTGCAAAGTGTCCCCCCTTGAATCACCGCAAAGGCTCCTCAGTTCAGAACCCTTAGAC
CTCATCTCCGTCCCTTTGGCAACTCTTCTCCCTCAGATATAGACGTCCCAAGCCAGGCTCCCGGAG
CCACAGGTTTCTGGCCTTGCAGCCAATCGTTCTCTGACAGAAGGCTGGTCTGGACACAATGAATGAC
AGCCTCAGCAAGATCCTGCTGGACATCAGCTTCTGGCCTGGACGAGGACCCACTGGGCCCTGACAA
ATCAACTGGTCCCAGTTTATTCTGAGCTACAGTAG

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001243089

Insert Size: 2244 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:

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_001243089.1](#)

RefSeq Size: 3503 bp

RefSeq ORF: 2244 bp

Locus ID: 2305

UniProt ID: [Q08050](#)

Cytogenetics: 12p13.33

Protein Families: Transcription Factors

MW: 82.6 kDa

Gene Summary:

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]

Transcript Variant: This variant (5) lacks two alternate in-frame exons and uses an alternate in-frame splice site compared to variant 1. The resulting isoform (5) has the same N- and C-termini but is shorter compared to isoform 1.