

Product datasheet for **SC303939**

FOXD4L1 (NM_012184) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FOXD4L1 (NM_012184) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOXD4L1
Synonyms:	bA395L14.1; FOXD5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_012184 edited

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ATGAACCTGCCAAGAGCTGAGCGCCCTCGCTCCACACCGCAGCGAGCCTCCGGGACTCC
GATGGGGAAGACGGTAAATCGATGTCTCTGGGAGAGGAGGAAGATGAAGACGAGGTGAA
GACGAGGAGGAGGAGGCGAGCCAGAAGTTCCTAGAGCAGTCGCTCCAGCCGGGGCTGCAG
GTGGCCCGGTGGGGCGGGTTGCGCTTCCCGAGAGCACATCGAGGGCGGCGGCCGAGC
GACCCCTCAGAGTTTGGCACCAGTTTCAGGGCACCGCCAAGGTCTGCGGCGGCCTCTGAA
GATGCCCGGCAGCCGGCAAAGCCCCCTACTCGTACATCGCGCTCATCACCATGGCCATC
CTGCAAAGCCCGCACAAGCGCCTCAGCTCAGCGGCATCTGCGCCTTCATTAGTGGCCGC
TTCCCCTACTACCGCCGAAGTTCCTCCGCTGGCAGAACAGCATCCGCCACAACCTCTCG
CTGAACGACTGCTTCGTCAAGATCCCCCGGAGCCGGGCCACCCAGGCAAGGGCACCTAC
TGGAGCCTGGACCCCGCCTCCCAGGACATGTTGACAATGGCAGCTTTCTCCGGCGTAGG
AAGCGTTTCAAGCGCCACCAACTGACCCCGGAGCCACCTGCCCCACCCCTTCCCTCTA
CCTGCTGCACACGCCGCCTGCAACACCCCGCCAGGCCCTCTGCTTGGGGCCCTGCC
CTGCCGAGCCAGTCCCGGGGGCCTACCCCAACACCGCCCCCGGAGACGCCCTTACGCT
CTGCTGCACCCGCATCCTCTCGCTACCTACTGCTCTCGGCCCGCCTATGCCGGGGCA
CCGAAGAAAGCAGAAGGCGCGGACCTGGCGACCCCGGCACCTTCCCGTGTGCAGCCC
TCACTTGGTCCTCAGCCTTGGGAGGAGGCAAGGGTCTGGCGTCGCCACCGGGAGGCGGA
TGCATCTCTTTTCAAGATTGAGAGTATCATGCAAGGGGTGAGGGAGCGGGTACAGGGCT
GCGCAGAGTTTGTCCCCGACCGCTGGAGCTACTGCCCCCTGCTCCAGCGACCGTCAAGC
CTGTCGGACAATTTTGCAGCAACAGCAGCATCAGGAGGAGGACTGCGCCAACGCTG
CGCTCCCACCAAGGGCGCGGTGCTGGGCGGGCACCTGTGCGCCGCGTCGCGCTGCTGCG
GTATCAGGCGGTGGCAGAGGGCTCTAG

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Restriction Sites:	Please inquire
ACCN:	NM_012184
Insert Size:	1200 bp



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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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_012184.3</u> , <u>NP_036316.1</u>
RefSeq Size:	2250 bp
RefSeq ORF:	1227 bp
Locus ID:	200350
UniProt ID:	<u>Q9NU39</u>
Cytogenetics:	2q14.1
Gene Summary:	This gene is a member of the forkhead/winged-helix (FOX) family of transcription factors with highly conserved FOX DNA-binding domains. Members of the FOX family of transcription factors are regulators of embryogenesis and may play a role in human cancer. This gene lies in a region of chromosome 2 that surrounds the site where two ancestral chromosomes fused to form human chromosome 2. This region is duplicated elsewhere in the human genome, primarily in subtelomeric and pericentromeric locations, thus multiple copies of this gene have been found. [provided by RefSeq, Jul 2008]