

## Product datasheet for SC303610

### FOXL1 (NM\_005250) Human Untagged Clone

#### Product data:

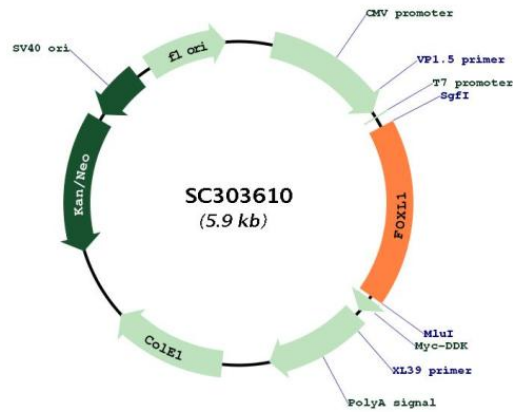
Product Type:	Expression Plasmids
Product Name:	FOXL1 (NM_005250) Human Untagged Clone
Tag:	Tag Free
Symbol:	FOXL1
Synonyms:	FKH6; FKHL11; FREAC7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303610 representing NM_005250. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGTCACCTCTTCGATCCCGGCTGCCTGCCCTGGCCGCTCGCCCATGCTGTATCTGTACGGTCCC
GAGAGACCCGGCCTCCCTCTGGCCTTCGCCCGCGGCTGCTCTAGTCGCTCGGGCCGGCCGAGACC
CCGAGAACGCTCCCTACAGCTACATCGCGCTCATCGCCATGGCGATCCAGGACGCGCCGAGCAGAGG
GTCACGCTCAACGGCATCTACCAGTTTCATCATGGACCGCTTCCCCTTCTACCACGACAACCGGCAGGGC
TGGCAGAACAGCATCCGCCACAACCTCTCGCTCAACGACTGCTTCGTCAAGGTGCCCCGCGAGAAAGGG
CGGCCGGCAAGGGCAGCTACTGGACGCTGGACCCCGCTGCCTGGACATGTTTGAGAACGCAACTAC
CGGCGCCGGAAGAGGAAGCCCAAGCCGGGCCCGGGGCCCGGAGGCCAAGAGGCCCGCCGAGACG
CACCAGCGCAGCGCGGAGGCGCAGCCGGAGGCGGGGAGCGGGGCAGGGGGCTCGGGCCCCGAATCTCC
CGCCTGCAGGCAGCGCCCGGGGCCCTCGCCCCCTCTGGACGGCCCTCTCCGCCGGCGCCCTCCAC
TGGCCGGGACCGCTCCCCGAACGAGGACGCTGGTGACGCTGCCAGGGCGCAGCGGCCGTGGCGGTC
GGCCAGGCAGCGCGCACAGGGGACGGCCGGGGTCCCCTCTGCGCCCCGCTCCCGCAGCTCTCCGAA
AGCTCCGACAAGTCCAAGAGCTTCAGCATAGACAGCATCTGGCGGAAAGCAGGGCCAGAAGCCGCT
TCAGGGGACGAACTCCTAGGGGGTGCCAAGCCTGGGCCCGGGCCGCTGGGTGCCTCGCTCCTGGCC
GCCTCCTCAGCCTCCGTCCGCCCTTCAACGCTTCCCTGATGCTCGACCCGATGTCAGGGCGGCTTT
TACCAGCTCGGGATCCCCTTCTCTTATTTCGCCCTGCAGGTTCCCGACACGGTACTCCACTTCCAG
TAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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**Plasmid Map:**


**ACCN:** NM\_005250

**Insert Size:** 1038 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).

**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:**

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\\_005250.2](#)

**RefSeq Size:** 3207 bp

**RefSeq ORF:** 1038 bp

**Locus ID:** 2300

UniProt ID: [Q12952](#)

Cytogenetics: 16q24.1

Protein Families: Transcription Factors

MW: 36.5 kDa

**Gene Summary:** This gene encodes a member of the forkhead/winged helix-box (FOX) family of transcription factors. FOX transcription factors are characterized by a distinct DNA-binding forkhead domain and play critical roles in the regulation of multiple processes including metabolism, cell proliferation and gene expression during ontogenesis. [provided by RefSeq, Nov 2012]