

Product datasheet for **RN216898**

Foxc1 (NM_134338) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxc1 (NM_134338) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Foxc1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216898 representing NM_134338
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACGGCGCGCTACTCGGTGTCCAGCCCCAACTCCCTGGGAGTGGTGCCTACCTCGGCGCGAGCAGA
 GCTACTATCGCGCTGCCGCGGCGGCGGGGGCGGCTACACCGCCATGCCGGCCCTATGAGCGTGTA
 CTCGCACCCTGTCTACGCCGAGCAGTACCCGGGCGGCATGGCGCGCCTACGGGCTTATACGCCGAG
 CCGCAGCCCAAGGACATGGTGAAGCCTCCCTACAGCTACATCGCTTTATCACCATGGTATCCAGAATG
 CCCCAGACAAGAAGATCACCTGAATGGCATCTACCAGTTCATCATGGACCGCTTCCCTTCTATCGGGA
 CAATAAGCAGGGTGGCAGAACAGCATAACGACCAACCTCTCGTTAATGAGTGCCTCGTCAAGGTGCC
 CGCGACGACAAGAAGCCAGGCAAGGGCAGCTACTGGACGCTGGACCCGGACTCTACAACATGTTGAGA
 ACGGCAGCTTCTGCGGCGGCGGCGGCTTCAAGAAGAAGGACCGGTGAAGGACAAGGAGGAGAAGGG
 CCGACTGCACCTCCAGGAACCGCGCCGCGCAGGCCGCGCCAGCCCGCGCCCGCCCGGAAACAG
 GCCGAGGGCTCCGCTCCCGGGCCACAGCAGCCACCCGTGCGCATCCAGGACATCAAGACGGAGAACGGTA
 CGTGTCCCTCGCCGCCAGCCCTGTCCCGGCTGCCGCCCTAGGCAGCGGCAGTGCGGCCACAGTGCC
 TAAATCGAGAGTCCCGACAGCAGCAGCAGCAGCTGTGAGCGGGAGCAGCCCCCGGGCAGCCTGCC
 TCGGCGCGCCGCTCAGCCTGGACGCTGCAGAACCAGCGCCGCCACAGCCCGCGCCCGCCGATC
 ACAGCCAGGGTTCAGCGTGGACAACATCATGACGTGCTGCGGGGTGCGCCGAGGGTTCGGTGC
 GCTCGGCTCCGGCTCCTGGCTCAGCCGCTGCGTCTCGCGCGGGGATCGCGCCCCGCTGGCGTG
 GCGCCTACTCGCTGGCCACAGCTCCCTCTACAGTCCCCCTGCAGCCAGAGCTCCAGTGCGGGAGCT
 CGGGCGGCGGCGGCGGCGGCGGAGGTGGCGGACAGCAGCAGCGGGTACGGGGGCGCGCCG
 CACTTACCACTGCAACCTGCAGGCCATGAGCCTGTACGCGGCGGGCAGGTTGGCGGCCACTTGCAGGGT
 CCGGCCGAGGCGGGGAGCGCGGCGGTGGACGACCCCTGCCGATTACTCGTGCAGCCAGCAGCA
 GCAGCAGCTTTCGTCCCTGAGTACGCGGGGGCGGACAGGAGACCAGCCACCCTGCTCCACCA
 AGGCCGACTCACCTCGTGGTACCTGAACCAGGCAGGTGGAGACCTGGTCACTTGGCGAGCGCAGCGCG
 GCTGCTGCGGCCGCGGGTATCTGGCCAGCAGCAGAATTCCACTCGGTGCGGGAAATGTTGAGTCTC
 AGCGGATCGGCTAAACAACCTCCGGTGAATGGGAATAGTAGTGTGAGATGGCTTTCTGCCAGCCA
 GTCTCTGTACCGACGTCGGGGCTTTCGTCTATGACTGTAGCAAATTC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_134338
- Insert Size:** 1662 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:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_134338.1](#), [NP_599165.1](#)

RefSeq Size: 3984 bp

RefSeq ORF: 1662 bp

Locus ID: 364706

Cytogenetics: 17p12

Gene Summary: transcription factor; may be involved in tissue-specific gene regulation and development [RGD, Feb 2006]