

Product datasheet for **RR216898**

Foxc1 (NM_134338) Rat Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Foxc1 (NM_134338) Rat Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | Foxc1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |



[View online »](#)

ORF Nucleotide Sequence:

>RR216898 representing NM_134338
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACGGCGCGCTACTCGGTGTCCAGCCCCAACTCCCTGGGAGTGGTGCCTACCTCGGCGCGAGCAGA
 GCTACTATCGCGCTGCCGCGCGCGCGGGGGCGGCTACACCGCCATGCCGGCCCTATGAGCGTGTA
 CTCGCACCCTGCTCACGCCGAGCAGTACCCGGCGGCATGGCGCGCCTACGGGCTTATACGCCGAG
 CCGCAGCCCAAGGACATGGTGAAGCCTCCCTACAGCTACATCGCTTTATCACCATGGTATCCAGAATG
 CCCCAGACAAGAAGATCACCTGAATGGCATCTACCAGTTCATCATGGACCGTTTCCCTTCTATCGGGA
 CAATAAGCAGGGCTGGCAGAACAGCATAACGACCACTCTCGTTAATGAGTGCCTCGTCAAGGTGCC
 CGCGACGACAAGAAGCCAGGCAAGGGCAGCTACTGGACGCTGGACCCGGACTCTACAACATGTTGAGA
 ACGGCAGCTTCTGCGGCGCGCGCGCTTCAAGAAGAAGGACCGGTGAAGGACAAGGAGGAGAAGGG
 CCGACTGCACCTCCAGGAACCGCGCCGCGCAGGCCGCGCCAGCCCGCGCCCGCCCGGAAACAG
 GCCGAGGGCTCCGCTCCCGGGCCACAGCAGCCACCCGTGCGCATCCAGGACATCAAGACGGAGAAGCGTA
 CGTGTCCCTCGCCGCCCCAGCCCCTGTCCCGGCTGCCGCCCTAGGCAGCGGCAGTGCAGCCACAGTGCC
 TAAATCGAGAGTCCCGACAGCAGCAGCAGCAGCTGTGAGCGGGAGCAGCCCCCGGGCAGCCTGCC
 TCGGCGCGCCGCTCAGCCTGGACGCTGCAAGACCCGCGCGCCGACAGCCCGCGCCGCGCCGATC
 ACAGCCAGGGCTTACGCGTGGACAACATCATGACGTCGCTGCGGGGGTGCAGCAGGGTTCGGCTGCGGA
 GCTCGGCTCCGGCCTCTGGCCTCAGCCGCTGCGTCTCGCGCGCGGCATCGCGCCCCGCTGGCGCTG
 GGCGCTACTCGCTGGCCACAGCTCCCTCTACAGTCCCCCTGCAGCCAGAGCTCCAGTGCAGGAGCT
 CGGCGCGCGCGCGCGCGCGCGGGAGGTGGCGGCAGCAGCAGCGCGGTACGGGGGCGCGCGC
 CACTTACCACTGCAACCTGCAGGCCATGAGCCTGTACGCGCGGGCGAGGTTGGCGCCACTTGCAGGGT
 CCGGCCGAGGCGGGGAGCGCGCGGTGGACGACCCCTGCCGATTACTCGTGCAGCCAGCGACCA
 GCAGCAGCTTCTCGTCCCTGAGTACGCGCGGGGCGGACAGGAGACCAGCCACCACCTGCGTCCCACCA
 AGGCCGACTCACCTCGTGGTACCTGAACCAGGCAGGTGGAGACCTGGTCACTTGGCGAGCGCAGCGCG
 GCTGCTGCGGCCGCGGGCTATCTGGCCAGCAGCAGAATTCCACTCGGTGCGGGAAATGTTGAGTCTC
 AGCGGATCGGCTAAACAACTCTCCGGTGAATGGGAATAGTAGTGTGAGATGGCTTTCTGCCAGCCA
 GTCTGTACCGCAGCTCGGGGCTTTCGTCTATGACTGTAGCAAATTC

ACGCGTACGCGCGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216898 representing NM_134338
 Red=Cloning site Green=Tags(s)

MQARYSVSSPNSLGVVPYLGGESYRAAAAAAGGGYTAMPAPMSVYSHPAHAEQYPGGMARAYGPYTPQ
 PQPKDMVKPPYSYIALITMAIQNAPDKKITLNGIYQFIMDRFPFYRDNKQGWQNSIRHNLNLNECFVKVP
 RDDKKPGKGSYWTLPDPSYMFENGSLRRRRRFFKKKDAVKDKEEKGRHLHQEPPPPQAGRQPAPAPPEQ
 AEGSAPGPQQPPVRIQDIKTENGTCPSPQPLSPAAALGSGSAATVPKIESPDSSSSSLSSGSSPPGSLP
 SARPLSLDAAEPAPPQPAPPPHHSQGFVDNIMTSLRGSPPQSAELGSGLLASAAASSRAGIAPPLAL
 GAYSPGHSSLYSSPCSQSSSAGSSGGGGGGGGSSAAGTGAATYHCNLQAMSLYAAGERGGHLQG
 PAGGGGSAAVDDPLPDYSLPPATSSSSSLSHGGGGQETSHHPASHQGRITSWYLNQAGGDLGHLASAAA
 AAAAAGYPGQQNFHVSREMFSQRIGLNNSPVNGNSSCQMAFPASQSLYRTSGAFVYDCKF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_134338

ORF Size: 1659 bp

OTI Disclaimer: 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: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

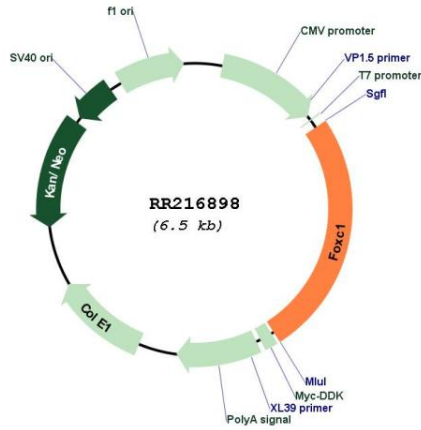
Locus ID: 364706

Cytogenetics: 17p12

MW: 57 kDa

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

Product images:



Circular map for RR216898