

Product datasheet for **RN216706**

Foxd1 (NM_134337) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxd1 (NM_134337) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Foxd1
Synonyms:	BF-2; Hfhbf2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216706 representing NM_134337
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCTGAGCACAGAGATGTCCGATGCCTCCGGCTCGCCGAGGAGACAGACATCGACTGGTGGGGG
 AGGGAGAGGACGAAGAGGAGGAAGAGGACGATGACGACGAGGGCGCGCGGGTCCCAGTTGCCAGCTC
 GGCCAGCGGGCGCGGCTCCTACGCCGGGAGGACGACTCGAGGACCTGGAGGAAGAGGACGACGAC
 GAAGACCTGCTGCTGGCCTCGCGGCTGCCGCTCCCCGCGCCTCCGGTCTGCGCCCCAGGGG
 CCGGATCGGGCGGCTGCAGCGCGCGGGAGCGGGAGCGCGGGAGGTGGCTGGCGCGGGCGCGGG
 CACGGGTGGGGCGGGAGCTCCAAGAACCCTGGTGAAGCTCCCTACTCGTACATCGCGCTCATCACC
 ATGGCCATCTGCAGAGCCCAAGAAGCGCTGACGCTCAGCGAGATCTGCGAGTTCATCAGCGGTCGCT
 TCCCTTACTACCGGGAGAAGTTCCCGCTGGCAGAACAGCATCCGTACAACCTGTCGCTCAACGACTG
 CTTGTCGAAGATCCCGCGGAGCCGGCAACCCGGCAAGGGCAACTACTGGACGCTCGACCCGGAGTCC
 GCAGACATGTTTCGACAACGGCAGCTTCTGCGGCGCCGAAGCGTTCAAGCGCCAGCCGTTGCTCGCCC
 CCCACGCGGGCGCCGAGGCGCTGCTGCTGCGCGGTGCGGGGCCCGCGGCGAGCGCAGGGGACCCGGGCGC
 CGCGCTTCCCGCCGCCCGCCCGCCGACCGCTGCGGCTATGGAGCCTACGGTGCAGCTACGGCCTG
 CAGCTGCCGCCCTGCGCGCCGCCCTCCGCGCTTCTGCTGCCCGCGCCGCGCAGCCGCTGCCGCTTCC
 ACCCGACTCACCCCGCCACCGCCGCCCGCCCGCTCCTCCGGCGCGGCCCGCGAGCTGGCGCGGAC
 CGCTTCCGGTACCGGCCGATGCGCTGGCCGCCCGCTGCCCGGCCGTTGCAGCGGCCCGCAGTCAAG
 GCGGGAGGCCCGGGCACCGCAGCGCTCGCACGCTCGCCCTTCTCATTGAGAGCCTCATCGGGCGCACTC
 GGGTCCCGCGACCGCCGGTGCACACGCTCGCTGGGGCCACCAGCGGGACCGCACCGGGCCCCGGGG
 CGGAGGCTGCGCCGTGCAAGCGGCTGCGGGTCCCGCCGTGCGGCTCACCGCTCGCTGGTGGTCCCGCC
 GCGGCTGCTGCTCCTCCGTGCTGCTGCTCGCCGCGCTGGTACTCTGCACCAAGGGACTGCGCTGTCCA
 GTGTGGAGAACTTACTGCTAGGATTTCAATTGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_134337
- Insert Size:** 1368 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_134337.1](#), [NP_599164.1](#)

RefSeq Size: 2421 bp

RefSeq ORF: 1368 bp

Locus ID: 171299

Cytogenetics: 2q12

Gene Summary: mediates the coordinated expression of hepatocyte-specific genes [RGD, Feb 2006]