

Product datasheet for **RR216706**

Foxd1 (NM_134337) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR216706 representing NM_134337
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGACCCTGAGCACAGAGATGTCCGATGCCTCCGGCTCGCCGAGGAGACAGACATCGACGTGGTGGGG
 AGGGAGAGGACGAAGAGGAGGAAGAGGACGATGACGACGAGGGCGCGGGGTCCAGTTGCCAGCTC
 GGCCAGCGGGCGCGGCTCTACGCCGGGAGGACGAGCTCGAGGACCTGGAGGAAGAGGACGACGAC
 GAAGACCTGCTGCTGGCCTCGCGGCTGCCGCTCCCCGCGCCTCCGGTCTGCGCCCCAGGGG
 CCGGATCGGGCGGCTGCAGCGCGCGGGAGCGGGAGCGCGGGAGGTGGCTGGCGCGGGCGCGGG
 CACGGGTGGGGCGGGAGCTCCAAGAACCCTGGTGAAGCTCCCTACTCGTACATCGCGCTCATACC
 ATGGCCATCTGCAGAGCCCAAGAAGCGCTGACGCTCAGCGAGATCTGCGAGTTCATCAGCGGTCGCT
 TCCCTTACTACCGGAGAAGTTCCTCCGCTGGCAGAACAGCATCCGTACAACCTGTCGCTAACGACTG
 CTTGTCGAAGATCCCGCGGAGCCGGCAACCCGGGCAAGGGCAACTACTGGACGCTCGACCCGGAGTCC
 GCAGACATGTTTCGACAACGGCAGCTTCTGCGGCGCCGAAGCGTTCAAGCGCCAGCCGTTGCTCGCCC
 CCCACGCGGGCGCGAGGCGCTGCTGCTGCGCGGTGCGGGGCCCGCGGCGAGCGCAGGGGACCCGGGCGC
 CGCGCTTCCCGCCGCCGCCCGCCGACCGCTGCGGCTATGGAGCCTACGGTGCAGCTACGGCCTG
 CAGCTGCCGCCCTGCGCGCCGCCCTCCGCGCTTCTGCTGCCGCCCGCCGAGCCGCTGCCGCCCTCC
 ACCCGACTACCCCCGCCACCGCCGCCGCCGCCCTCTCCGGCGCGGCCCGGAGCTGGCGCGGAC
 CGCCTTCGGTACCGGCCGATGCGTGGCCGCCGCCCTGCCCGGCCGTTGACGCGGCCCGAGTCAAG
 GCGGGAGGCCCGGGCACCGCAGCGCTCGCACGCTCGCCCTTCTCATTGAGAGCCTCATCGGGCGCACTC
 GGGTCCCAGCGCCCGGTGCACACGCTCGCTGGGGCCACCAGCGGGACCGCACCGGGCCCCGGGG
 CGGAGGCTGCGCGGTGCAAGCGGCTGCGGGTCCCGCCGTCGCGCTCACCGCTCGCTGGTGGTCCGCC
 GCGGCTGCTGCTCCTCCGTGCTGCTGCTCGGCCGCTGGTACTCTGCACCAAGGACTGCGCTGTCCA
 GTGTGGAGAACTTACTGCTAGGATTTCAATTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR216706 representing NM_134337
 Red=Cloning site Green=Tags(s)

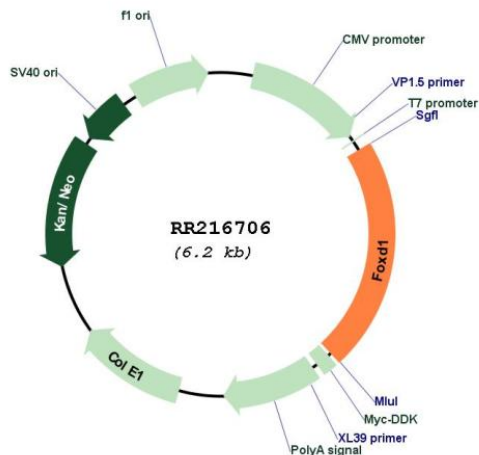
MTLSTEMSDASGLAEETDIDVVGEGEDEEEEEEDDDDEGGGSQLPSSAQRRRRSYAGEDELEDLEEDDD
 EDLLLASRPAASPAPGPAPAGAGSGCAGAGGGAGGGVAGAGTGGGGSSKNPLVKPPYSIALIT
 MAILQSPKKRLTLSEICEFISGRFPYYREKFPWQNSIRHNLNLNDFVKIPREPGNPGKGNWTLDPES
 ADMFDNGSFLRRRKRFRQPLLAHAAEALLRGAGPAASAGDPGAALFPPPPPTACGYGAYGAYGL
 QLPPCAPPALFAAAAAAAAAAFHPSPPPPPPPPGAAELARTAFGYRPHALAAALPGPLQAAVK
 AGGPGTAALARSPFSIESLIGRTRGPATAGAHASPGATSGTAPGGGGCAVQAAAGPAVALTRSLVVA
 AAAASSVSSAALGTLHQGTALSSVENFTARISNC

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Plasmid Map:


ACCN: NM_134337

ORF Size: 1365 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_134337.1](#), [NP_599164.1](#)

RefSeq Size: 2421 bp

RefSeq ORF: 1368 bp

Locus ID: 171299

Cytogenetics: 2q12

MW: 45.4 kDa

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