

Product datasheet for **MC206796**

Foxa3 (BC037083) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxa3 (BC037083) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Foxa3
Synonyms:	Hnf-3g; Hnf3g; Tcf-3g; Tcf3g
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC037083
 CCACGCGTCCGCCGGGCTGTGTGCCTCAGGTCGGAACCTCGGGGCTAGTGCCTGTAGAGAGACCGAAGCA
 CTCGGTCCCCCAGGGGGGCTCAGCCTGGGTGTGTGGGGGCGCAGGCCCGGGGATGCTGGGCTCAGTG
 AAGATGGAGGCTCATGACCTGGCCGAGTGGAGCTACTACCCGGAGGCGGGCGAGGTGATTCTCCAGTGA
 ATCCTGTGCCACCATGGCCCTCTCAACTCTACATGACCTTGAACCCACTCAGCTCTCCCTACCCTCC
 CGGAGGGCTTCAGGCCTCCCACTGCCTACAGGACCCCTGGCACCCCAAGCCCACTGCGCCCTGGGG
 CCCACCTCCCAAGCTTGGGCACTGGTGGCAGCACCGGAGGCAGTGTCCGGGTGTGTAGCCCCAGGGG
 CCGGGCTGTACATGGAAAAGAGATGGCAAAGGGGTACCGCGGCCACTGGCCCACGCCAAACCACCATA
 TTCTACATCTCTCATAACCATGGCTATTACAGCAGGCTCCAGGCAAGATGCTGACCTGAGTGAATC
 TACCAATGGATCATGGACCTCTCCCGTACTACCGGGAGAACCAGCAACGTTGGCAGAACTCCATCCGGC
 ATTCAGTGTCTTCAATGACTGCTTCGTCAAGGTGGCAGCTCCCAGACAAGCCAGGCAAAGGCTCCTA
 CTGGGCCCTTGCATCCCAGCTCTGGGAACATGTTTGAGAACGGCTGCTATCTCCGCCGCGAGAAGCGCTTC
 AAGCTGGAGGAGAAGGCAAAGAAAGGAAACAGCGCCATATCGGCCAGCAGGAATGGTACTGCGGGGTCAG
 CCACTCTGCCACCACTACAGCTGCCACTGCAGTCACTCCCGGCTCAGCCCCAGCCTACGCCATCTGA
 GCCCGAGGCCAGAGTGGGGATGATGTGGGGGTCTGGACTGCGCCTCACCTCTTCGTCCACACCTTAT
 TTCAGCGCCTGGAGCTCCCGGGGAACTAAAGTTGGATGCGCCCTATAACTTCAACCACCTTTCTCTA
 TCAACAACCTGATGTCAGAACAGACATCGACACCTTCAAACCTGGATGTGGGGTTTGGGGGCTACGGGGC
 TGAGAGTGGGGAGCCTGGAGTCTACTACCAGAGCCTTATCCCGCTCTCTGCTTAATGCATCCTAGCAG
 CGCAATTGGGAACGCCATGATGGGCGTGGGCTGCAACGTTCTTGGGCTCTGATCTTTCTGGTTACTTTT
 GCTTGTCCATTAATTAACATCTTATTTGGTCTATTACTGTGATATGACCATTGGCTACTGTGGTAACT
 GCCATGGACTCTTTGGTAGGCCTAGGGTGGGGTATTAGGAAGGCAGATGCGTTTGGAAAGTGTGCGAAG
 GTGGTCATGTTGGACATATTGTGAAGGCAGTTAGACTGGTGTACTATGAAAGCTGCCATTAAGTGAAG
 CCATTGGGTGATTGATCCACTGGGTGCCTGATGGTCGTGATGTTGGATGACACATGTCTGGCCCTTGGGA
 TGATGTGTTGGACATCTTGATTGACCTTTGAGTATGTGACAGAACACATCTTCTTTGGCTATTTTATC
 CTGGGATCGCCTCTTTTTTTCTTTTTCTTTTTCTTTTTCTTTTTCTTTTTCTTTTTCTTTTTCTTTTT
 TTGGCAGACTTCTGGTTCAGCAGATGCCAAATTGGCCACCATATCACATGGTGTCTTTTTTGACATTCT
 GGATGCATGGAAGGTCAGTATTGGCAAGGTGACATCTCAGCATGCTGCTATGCACCAAGATAGATGGT
 TACCACAGGCCTGCCATCACCATCTCCTTGGTGGAGGTTGGGTGAGGGGGAGAGGTGAGCAGACCCTATG
 AGTTTTCTCTGAAGCCATCCCCACCCTGTCTGTGAGAAAGGGCTAGTGTGGGTGTCGGGAGTTTCTACT
 GAGGTCAAGTTCTTGTCTGGGGCTTGGGAATACTGCCTGTGTTTGGCCATTAAGGACCATCTCCAA
 AAAAAAAAAAAAAAAAAA

Restriction Sites: EcoRI-NotI

ACCN: BC037083

Insert Size: 1062 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).

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: [BC037083](#), [AAH37083](#)

RefSeq Size: 2048 bp

RefSeq ORF: 1062 bp

Locus ID: 15377

Cytogenetics: 7 9.46 cM

Gene Summary: Transcription factor that is thought to act as a 'pioneer' factor opening the compacted chromatin for other proteins through interactions with nucleosomal core histones and thereby replacing linker histones at target enhancer and/or promoter sites (By similarity). Originally described as a transcription activator for a number of liver genes such as AFP, albumin, tyrosine aminotransferase, PEPCK, etc. Interacts with the cis-acting regulatory regions of these genes. Involved in glucose homeostasis; activates GLUT2 transcription. Involved in regulation of neuronal-specific transcription. Involved in regulation of spermatogenesis; required for the maintenance of the testicular germ cell population and male fertility.[UniProtKB/Swiss-Prot Function]