

Product datasheet for **MC205649**

Foxi1 (NM_023907) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Foxi1 (NM_023907) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Foxi1
Synonyms:	5830401E05Rik; Fkh10; FREAC6; HFH-3; Hfh3
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC007475
 CCGCCGGTGGCTACCCGAAGCCAGCTCCAGCATGAGCTCCTTCGACCTCCCAGCGCCTTACCACCTCGG
 TGCAGTCCCCAGTTCCCCAGCATCGGCCAGGAGCCCCGGAGATGAATCTTTACTATGAGAATTTCTTCC
 ACCCTCAGGGCATGCCAGTCTCAGCGCCCAACCTCCTTGAAGGTGGTGGCGAATACGGGACCACTCC
 CAACCCCTACCTCTGGCTCAATGGGCCGGCCATGACCCACCACCCTACCTGCCTGGCACTAACGCCAGC
 CCCTTTTACCCAGGCCTATGGCATGCAGAGGCAGTACTGCCAGCGACCTGGGCTGGCTGCCATCC
 CCTCTCAGGAAGAGCTCATGAAGCTGGTACGCCACCATTTCCTATTCAGCCCTCATTGCCATGGCAAT
 CCACGGTGGCCCGACCGCCCTCACACTGAGCCAGATCTACCAGTACGTGGCCGACAACCTTTCCCTTT
 TACAACAAGAGCAAGGCTGGCTGGCAGAACTCCATCCGCCACAACCTGTCACTCAACGACTGCTTCAAGA
 AGGTGCCCGGAGATGAGGACGACCCAGGCAAAGGGAATTACTGGACTCTGGACCTAACTGTGAGAAGAT
 GTTTGACAACGAAACTTTGCGAGGAAGAGAAAGAAAATCAGATTCATCCTCCAGCACCAGCTCATTG
 GCTTCAGAGAAAACGGAGAACGGTCTCCTGGCCAGCAGCCCCAAGCCACAGAGCCTCAGGAGGTCTTAG
 ACACCGCTCGCCAGACTACCACCAGCTCCCCAGAGAAGCGGTCTCCCTGCCCTCGGGACCCC
 GTGTCTCAACAATTCCTCTCCACCATGACAGCATATGTGAGTGGGACAAACCTATTAGCCGCTCCGTG
 GCCACACCAGGACTGAGCTCAGAGCCTATTGACAAGATGGGGCAGAACTACTGAATTTCAACTCTACA
 CCCCCCTTACCAACCTCAGTAGCCATGGGAATGGGGTGAATGGGCCAACCCAGTAGCCACCAATGCCT
 GGGCTATGGAGGCTCCGTCTTCAACCAGTTCAGTCCACATTTCTACAACGACATTAACACTAACGGTATC
 CTATTTCCCGAGGGAAGGCACTGAAGTCTAGAGATAGAACAATTTCTGTTCCATAGAGCTGTCTGGGGAA
 AAGCAAAGGTGGTCTTCAGACCAGACCCTCAACTACCCAAAATTTGAGACGTTTGTCTTCCAGATA
 GCACCCAGGAAGCTTGAAGAATCTGTGCTCTTTCTAAACAGCATTCAAGCCTTCTGGCTATCTATCAC
 ACGTGACTCTATACAGATTTGATAACTACAGTGAAGAACTAGGGTCAGCTTGCCATTAATGATGTGGCC
 ATTGGTTGAGCACTTACTATGGTGTGGTTCCTGGTTTGGCTTTTAAATGACATAGTCATACTGTGTAC
 CATCATCCTTTGAGGTTACATGAATCTCTCAATTGACAGATCATAAAAACAAAGGCCAAAGAAAGTTGT
 CAGTTTTTCTAGGGTCATGAAAATGACAGAGAAAAGGCATTAAAGCAGAGGCTGGGTGACCTTCGAAGGCT
 GGATAAAGGGAACCGGGGATGGATGGACTGGATCAGAAGTCAGCATAAAGCTGGTTACGGCAATGCACG
 CAACTCCCCTGGCTTCTAGTGATGCTCTCAGAATTAACACCCATTTGGCCATGACATCTCCCACC
 TGCCTTTTCTTGGCCAGCTTACCTACAGGCATTCTGTTACCTACCCTCAGGAGGAGGAGTCCAGC
 CAAAATACCCCTGTAGAACCATGCCTCTAGTAGGTGCAATACAGGGTAACACTTCACTAGCCTTCCACAG
 AACTTGAGCAGAGACAGAGGTCAAGTGAAGCAAGTGGTATGTACCCTGAACCTCACCAAGTACTGCC
 ACCCACAAAATCTATAACCACCAGCTTCTGTATGTATGTGTCATGGATCAGTGAAGATGTGGTGGCTC
 AGCCTTCCGAGAGAAAACAAAGGTCAAATGAGCAGAATAAGCATGTCCTTTTTATAGCCCTGTAGAGGTGG
 ATACTTGTCTGAGAGAACAATGGCTTGGAGGGAGGGTCTCTGCCTGCCCTGAGGGCGGAGGGGGGAA
 CAGAGTGGCTGTGAGCACAGCCTCTGGCACTGCTCGCTCCTTTTTGTGAGTTACTTTATTTGGTTGTGA
 TGTATCACAGCACACCCACCCGAGAAAGCGTTGCTTGGTTTCTTATTTTCTTTTAAATTAATAAAAAA
 AAAAGAAA AAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_023907

Insert Size: 1119 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: [BC007475](#), [AAH07475](#)

RefSeq Size: 2390 bp

RefSeq ORF: 1119 bp

Locus ID: 14233

UniProt ID: [Q92215](#)

Cytogenetics: 11 19.65 cM

Gene Summary: Transcriptional activator required for the development of normal hearing, sense of balance and kidney function. Required for the expression of SLC26A4/PDS, JAG1 and COCH in a subset of epithelial cells and the development of the endolymphatic system in the inner ear. Also required for the expression of SLC4A1/AE1, SLC4A9/AE4, ATP6V1B1 and the differentiation of intercalated cells in the epithelium of distal renal tubules.[UniProtKB/Swiss-Prot Function]