

## Product datasheet for MC208468

### Foxh1 (NM\_007989) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Foxh1 (NM\_007989) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Foxh1  
**Synonyms:** fast-1; fast-2; Fast1; Fast2  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC208468 representing NM\_007989  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCTCGGGCTGGGACCTGGCCTCAACTTACACTCCGACTACCCCGAGCCCCAGTTAGCCCTGGCTC  
 CGGCCAGGGCTACCTCCCTTGATGGGGCTCGGACAACCTCTCAGCTGAGGCTCCAGAGGCAGAGTC  
 TCTTTGAAAGACCCCAAGAGGAGGAAGAAGAGATACCTACGGCATGACAAGCCCCCTACACCTACTTG  
 GCCATGATCGCCTTGGTAATTCAGGCCGCACCCCTCCGAGGCTGAAACTGGCTCAGATTATCCGTCAGG  
 TCCAGGCAGTGTCCCTTCTTCAGGGACGACTATGAGGGCTGGAAGGACTCCATCCGCCACAACCTTTC  
 CTCTAATCGGTGCTTCCATAAGGTGCCAAGGACCTGCAAGGCCAGGCCAAGGGCAACTTCTGGGGC  
 GTGGATGTGAGCCTGATTCTGTGAGGCGCTGCGCCTTCAGAACACTGCCCTGTGCCGTCGATGGCAGA  
 ACCGGGGCACCCACAGAGCTTTCGCAAGGACCTGAGCCCTACGTGCTCCACGGCCAGCCTTATCAGCC  
 ACCCAGTCCCCACCACCACCTAGGGAGGGTTTCAGCATCAAGTCCCTGCTAGGGGACCTGGGAAAGAA  
 TCCACATGGCCCCAGCATCCTGGGCTCCCTGGACAGAGCACTGCAGCTCAGGCAGGCACCTTGTCAAAGG  
 GGAAGAAGGGATGGGCACTGGACCCTTAGCTCCTCTGAGACGCTCTGTGGCCCTCTGCTCCCTTCC  
 TGGGCCACAATCATAGAGGGGGAGAGTTCCCAAGGGGAGGTAATCAGGCCTTCTCCCGTACCCAGAT  
 CAAGCTCCTGGCCCTCACTTACTTGAGGATCCGAGATTCCAGGGGAGTCCAGGAGGGGGGAGCA  
 GAGCCTCCTGTGGGACAGCTACCCACTTCTTACTTGCCATCTATACGCCAATGTAGTAATGCCCTT  
 GGCCACACTACCGACCACCTCTGTCCCAAGTGGCCATCTTCTGCCAGCCAGCTTACTGGAGCGTAGGC  
 ACTGAATCCCAAGGGTCCAGGACCTGCTGTGATCTAGACTCCCTTCTCCAGGGAGTACCACCCAACA  
 AGAGTATCTATGATGTGTGGTCCAGCCATCCTAGGGACCTGGCAGCTCCTGCCAGGCTGGCTCCTTTC  
 CTGGTACAGCATG**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_007989
<b>Insert Size:</b>	1206 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_007989.4</a></u> , <u><a href="#">NP_032015.1</a></u>
<b>RefSeq Size:</b>	1366 bp
<b>RefSeq ORF:</b>	1206 bp
<b>Locus ID:</b>	14106
<b>UniProt ID:</b>	<u><a href="#">O88621</a></u>
<b>Cytogenetics:</b>	15 D3
<b>Gene Summary:</b>	Transcriptional activator. Recognizes and binds to the DNA sequence 5'-TGT[GT][GT]ATT-3'. Required for induction of the gooseoid (GSC) promoter by TGF-beta or activin signaling. Forms a transcriptionally active complex containing FOXH1/SMAD2/SMAD4 on a site on the GSC promoter called TARE (TGF-beta/activin response element).[UniProtKB/Swiss-Prot Function]