

## Product datasheet for MC208692

### Hoxc5 (NM\_175730) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hoxc5 (NM\_175730) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Hoxc5  
**Synonyms:** A1181837; Hox-3.4; Hox-6.2  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC208692 representing NM\_175730  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGCTCTACGTAGCCAATTCATTCTATAAGCAGAGCCCAATATCCCTGCCTATAACATGCAA  
 ACTTGGGAACTATGGATCGGCCTCAGAGGTGCAGGCATCCAGGTACTGCTACGGCGGATTGGACTT  
 AAGCATCACTTTCCACCGCCTGCGCCTTCCAATCTCTCCACGGGGTAGACATGGCTGCCAACCCCGGGCTCAC  
 CCCGACCGCCCGCCTGCAGCGCCGCGCGCTCCGGGACACGCTCTGGGCAGAGACGAAGCGGCTCCTC  
 TGAACCTTGGGATGTACAGTCAGAAGGGCGCTCGCCCGCGCTGGAGGAGCGAGCTAAGAGCAGTGGGGA  
 GATCAAAGAGGAGCAGGCGCAGACAGGGCAGCCTGCCGGACTGAGCCAGCCACCGGCCCGCCACAGATT  
 TACCCGTGGATGACCAAACCTGCACATGAGCCACGAGACGGATGGCAAGCGGTCCCGAACAGTTACACGC  
 GCTACCAGACCTGGAACCTCGAGAAAGAATTCATTTAAACCGCTACCTCACTCGCCGAGGCGCATAGA  
 GATTGCCAACAACTTGTGTCTCAACGAGAGACAGATCAAGATCTGGTTCCAGAACCGCAGGATGAAGTGG  
 AAGAAAGATTCCAAAATGAAGAGCAAAGAAGCTTT**AG**

**ACGCGT**ACGCGCGCCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_175730  
**Insert Size:** 669 bp



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<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>	<a href="#">NM_175730.5</a> , <a href="#">NP_783857.1</a>
<b>RefSeq Size:</b>	2730 bp
<b>RefSeq ORF:</b>	669 bp
<b>Locus ID:</b>	15424
<b>UniProt ID:</b>	<a href="#">P32043</a>
<b>Cytogenetics:</b>	15 58.07 cM
<b>Gene Summary:</b>	Sequence-specific transcription factor which is part of a developmental regulatory system that provides cells with specific positional identities on the anterior-posterior axis. [UniProtKB/Swiss-Prot Function]