

## Product datasheet for MC208690

### Hoxc13 (NM\_010464) Mouse Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Hoxc13 (NM\_010464) Mouse Untagged Clone  
Tag: Tag Free  
Symbol: Hoxc13  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Fully Sequenced ORF: >MC208690 representing NM\_010464  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACGACTTCGCTGCTCCTGCACCCGCGCTGGCCGGAGAGCCTTATGTACGTCTATGAGGACAGCGCGG  
CGGAGAGCGGCAGCGGCGGGCGGGAGGCGGCGGGCGGGCGGGGGTGGCTGCAGCGGAGC  
GAGCCCCGGCAAAGCCCCGAGCATGGACGGGCTGGGCGGTAGCTGCCCGCCAGCCTGCGCGACCTG  
CTCCCGCACCTGTATTGGCCCCCGCCGGCTCCTCTGGGTGCCCTCAGGGCGCGCTACACGGACA  
TCCAGCCCCGGAGGCGGCGCCAATGCGCCCCACCGCCGGCGCCCCACCTCGTCCAGCGCCACCT  
GGGCTATGGTTACCCATTTGGGGCAGCTACTACGGCTGCCGCCTGTCGCACAACGTGAACCTGCAGCAG  
AAGCCTTGCGCCTACCATCCGGGGACAAGTACCAGAGCCGTCGGGCGCGCTGCCTGGTACGACCTGT  
CCTCCAGGGCTAAGGAGTTCGCCTTCTACCCAGCTTCGCCAGCTCCTACCAGGCAATGCCCGGCTACCT  
GGACGTGTCGGTGGTGCCTGGGATCAGCGGGCACCCGGAGCCGCGTCACGACGCGCTCATCCCTGTTGAA  
GGCTACCAGCACTGGGCTCTTCCAATGGCTGGGACAGTCAGGTGTACTGCTCCAAGGAGCAGTCGCACT  
CCGCCACCTCTGGAAGTCTCCCTTCCAGACGTGGTTCCTCTACAGCCCAGTGAAGCAGTACCGGCG  
CGGGCGCAAGAAGCGCGTCCCTATACCAAGGTGCAGTGAAGGAGCTAGAGAAGGAGTACGACGCCAGC  
AAATTCATCACCAAAGAGAAGCGCCGGCGCATCTCAGCCACCACGAACCTCTCGGAGCGTCAGGTACCA  
TCTGGTCCAGAATCGACGCGTGAAGAGAAAAAGGTGTCAGCAAATCTAAAGCGCCTCATCTCCACTC  
CAC**TGA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII  
ACCN: NM\_010464



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<b>Insert Size:</b>	987 bp
<b>OTI Disclaimer:</b>	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at <a href="mailto:custsupport@origene.com">custsupport@origene.com</a> or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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. <a href="#">More info</a></p>
<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_010464.2</a> , <a href="#">NP_034594.1</a>
<b>RefSeq Size:</b>	2433 bp
<b>RefSeq ORF:</b>	987 bp
<b>Locus ID:</b>	15422
<b>UniProt ID:</b>	<a href="#">P50207</a>
<b>Cytogenetics:</b>	15 57.99 cM
<b>Gene Summary:</b>	Transcription factor which plays a role in hair follicle differentiation. Regulates FOXQ1 expression and that of other hair-specific genes.[UniProtKB/Swiss-Prot Function]