

Product datasheet for **MC208030**

Lhx4 (NM_010712) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lhx4 (NM_010712) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lhx4
Synonyms: A330062J17Rik; Gsh-4; Gsh4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208030 representing NM_010712
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGATGCAGAGCGCGGCTGTCCCGCGGAGGGGGCTGTCAAGGGGCTCCCGGAGATGCTCGGTGTGCCGA
 TGCAACAGATTCAGTGTGGCTGCAACCAACATATCCTGGATAAGTTCATCCTGAAGGTCCTGGA
 CAGACTGGCACAGCTCCTGCCTCAAGTGCAGACTGCCAGATGCAGCTGGCTGACAGATGCTTCTCC
 AGGGCCGGCAGTGTCTACTGCAAGGAAGATTTCTCAAACGCTTTGGCACAAAATGCACAGCCTGCCAGC
 AGGGCATCCCCCGACCCAGGTGGTCCGCAAGGCTCAGGACTTTGTCTACCACCTGCACTGCTTTGCCTG
 CATCATCTGCAACCGGCAGCTGGCCACGGGGGACGAGTTCTACCTTATGGAGGATGGCCGGCTAGTGTGC
 AAAGAAGACTATGAGACAGCCAAGCAAAACGATGACTCGGAGGCTGGGGCTAAGCGACCTCGGACCACCA
 TCACAGCAAAGCAGCTGGAGACTAAAGAACGCATACAAGAATCCCCAAAGCCTGCCCGCATGTGAG
 AGAGCAGCTCTCCTCCGAGACAGGCTGGACATGAGAGTAGTACAGGTTTGGTTTCAGAACAGAAGAGCC
 AAGGAGAAAAGGCTAAAGAAGGACGCGGGGCCATCGCTGGGGCAGTTCTACAAGAGTGTCAAGAGGA
 GCCGGGGAGGCAGCAAGCAGGAGAAGGAGAGCTCAGCAGAGGACTGTGGGGTTAGTGACAGTGAGCTGAG
 CTTCGAGAAGATCAAATACTCTCAGAGCTTGGCCACACCAATAGGATTTATGGCAACGTGGGGGACGTT
 ACAGGCGGACAGTTAATGAATGGGAGTTTCTCCATGGATGGGACAGGACAATCCTATCAGGACTTGAGGG
 ATGGGAGCCCTTATGGAATCCCCAGTCTCCGCTCCATATCGTCCCTCCCATCCCATGCTCCTTTGCT
 CAATGGGCTGGATTACACCGTGGACAGTAATCTGGGCATCATTGCGCATGCAGGGCAGGGAGTCAGCCAG
 ACACTGAGAGCCATGGCTGGGGACCCACCTCTGACCTCTCGACAGGAAGCAGTGTAGGCTACCCTGATT
 TTCCAAGTAGCCAGCCTCTGGCTCGATGAGATGGACCATCCTCCTTT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul



ACCN:	NM_010712
Insert Size:	1173 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:	<ol style="list-style-type: none">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:	<u>NM_010712.2</u> , <u>NP_034842.2</u>
RefSeq Size:	1853 bp
RefSeq ORF:	1173 bp
Locus ID:	16872
UniProt ID:	<u>P53776</u>
Cytogenetics:	1 67.47 cM
Gene Summary:	May play a critical role in the development of respiratory control mechanisms and in the normal growth and maturation of the lung. Binds preferentially to methylated DNA (By similarity).[UniProtKB/Swiss-Prot Function]