

## Product datasheet for **MG206084**

### Lhx4 (BC049834) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lhx4 (BC049834) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Lhx4
Synonyms:	A330062J17Rik; Gsh-4; Gsh4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206084 representing BC049834 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATGCAGAGCGCGGTGTCCCGCGGAGGGGGCTGTCAAGGGGCTCCCGGAGATGCTCGGTGTGCCGA  
TGCAACAGATTCCCAGTGTGCTGGCTGCAACCAACATATCCTGGATAAGTTCATCCTGAAGTCTCGGA  
CAGACTGGCACAGCTCCTGCCTCAAGTGCAGACTGCCAGATGCAGCTGGCTGACAGATGCTTCTCC  
AGGGCCGGCAGTGTCTACTGCAAGGAAGATTTCTCAAACGCTTTGGCACAAAATGCACAGCCTGCCAGC  
AGGGCATCCCCCGACCCAGGTGGTCCGCAAGGCTCAGGACTTTGTCTACCACCTGCACTGCTTTGCCTG  
CATCATCTGCAACCGGCAGCTGGCCACGGGGGACGAGTTCTACCTTATGGAGGATGGCCGGCTAGTGTGC  
AAAGAAGACTATGAGACAGCCAAGCAAAACGATGACTCGGAGGCTGGGGCTAAGCGACCTCGGACCACCA  
TCACAGCAAAGCAGCTGGAGACACTAAAGAACGCATACAAGAAGCTCCCAAAGCCTGCCCGGCATGTGAG  
AGAGCAGCTCTCCTCCGAGACAGGCCTGGACATGAGAGTAGTACAGGTTTGGTTTCAGAACAAGAGGCC  
AAGGAGAAAAGGCTAAAGAAGGACGCGGGGCGCCATCGCTGGGGCAGTTCTACAAGAGTGTCAAGAGGA  
GCCGGGGAGGCAGCAAGCAGGAGAAGGAGAGCTCAGCAGAGGACTGTGGGGTTAGTGACAGTGAGCTGAG  
CTTCCGAGAAGATCAAATACTCTCAGAGCTTGGCCACACCAATAGGATTTATGGCAACGTGGGGGACGTT  
ACAGGCGGACAGTTAATGAATGGGAGTTTCTCCATGGATGGACAGGACAATCCTATCAGGACTTGAGGG  
ATGGGAGCCCTTATGGAATCCCCAGTCTCCGTCCTCCATATCGTCCCTCCCATCCCATGCTCCTTTGCT  
CAATGGGTGGATTACACCGTGGACAGTAATCTGGGCATCATTGCGCATGCAGGGCAGGGAGTCAGCCAG  
ACACTGAGAGCCATGGCTGGGGGACCCACCTCTGACCTCTCGACAGGAAGCAGTGTAGGCTACCCTGATT  
TTCCAAC TACCCAGCCTCTTGGCTCGATGAGATGGACCATCCTCCTTTT

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**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:** [BC049834](#), [AAH49834](#)

**RefSeq Size:** 1877 bp

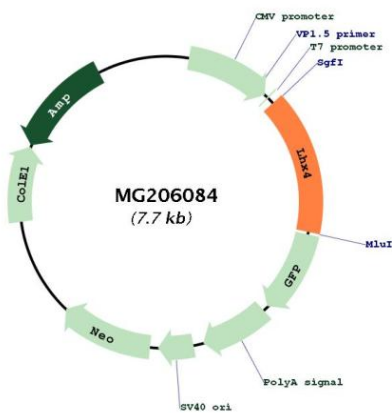
**RefSeq ORF:** 1172 bp

**Locus ID:** 16872

**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]

### Product images:



Circular map for MG206084