

## Product datasheet for MC208885

### Lhx5 (NM\_008499) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lhx5 (NM_008499) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lhx5
Synonyms:	Lim2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC208885 representing NM_008499 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGATGGTGCCTGTGCTGGCTGTGAGCGGCCATCCTCGACCGCTTTCTGCTGAACGTAAGACTAGACCGCG  
CGTGGCATATCAAATGTGTTCAATGCTGCGAGTGCAAAACCAACCTCTCGGAGAAGTGCTTCTCACGGGA  
AGGCAAGCTATACTGTAAAACGACTTTTTTCAGGCGCTTTGGCACAAGTGCGCCGGCTGCGCGCAAGGT  
ATCTCTCCGAGCGACCTGGTACGGAAGGCCCGGAGCAAAGTCTTCCACCTCAACTGCTTACCTGTATGG  
TGTGCAATAAGCAGCTATCCACCGGAGAGGAGCTCTACGTGATCGACGAGAACAAGTTTGTGTGCAAGGA  
CGACTACTTAAGCTCCTCTAGCCTCAAGGAAGGAAGTCTCAACTCGGTGTCGTCCTGTACGGACCGCAGT  
TTGTCCCCGGACCTCCAGGATCCGTTACAGGACGACCCCAAAGAGACCGACAATTCGACCTCATCGGACA  
AGGAAACCGCTAACAACGAGAATGAGGAACAGAACTCCGGCACCACCGGCGGGCCCGCGCACCACCAT  
CAAGGCCAAGCAGCTGGAGACGCTCAAGGCAGCCTTCGCAGCCACGCCAAGCCACGCGCCACATTCCG  
GAACAGCTGGCACAGGAGACGGGCTCAACATGAGGGTCATTAGGTGTGGTTTCAGAACCGAAGGTCCA  
AAGAACGCGCATGAAACAGCTGAGCGCTCTGGGCGCGGAGACACGCCTTCTCCGGAGTCCGCGGCG  
CATGCGTCCCCTGGGCGGCGCTTGGACGAGTCTGAGATGTTGGGTCTACCCCATACACTTATTACGGA  
GACTACCAAAGTGACTACTACGCTCCGGGAGGCAATTACGATTTCTTCGCGCACGGTCCGCCGTACAGG  
CGCAGTCCCCTGCCGACTCCAGTTCCTGGCAGCATCGGGACCTGGCTCGACGCCGCTGGGCGCGCTGGA  
ACCGCGCTGGCCGGGCTCACGGCGGGACAACCCAGATTACCGACATGATCTCGCATCCGGACACG  
CCGAGCCCGAGCCGGGCTGCCCGGTGCGCTGCACCCCATGCCGGGAGAGGTGTTACGGCGGGGCCCA  
GCCCGCCTTCCCATGAGCGGCACCAGCGCTACAGTGGACCCCTGTCGACCCCAACCCTGAGCTCAA  
CGAAGCGGCCGTATGGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_008499
<b>Insert Size:</b>	1209 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>	<a href="#">NM_008499.5</a> , <a href="#">NP_032525.1</a>
<b>RefSeq Size:</b>	2736 bp
<b>RefSeq ORF:</b>	1209 bp
<b>Locus ID:</b>	16873
<b>UniProt ID:</b>	<a href="#">P61375</a>
<b>Cytogenetics:</b>	5 60.62 cM
<b>Gene Summary:</b>	Plays an essential role in the regulation of neuronal differentiation and migration during development of the central nervous system.[UniProtKB/Swiss-Prot Function]