

Product datasheet for MC202675

Lhx9 (NM_001025565) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Lhx9 (NM_001025565) Mouse Untagged Clone
Tag: Tag Free
Symbol: Lhx9
Synonyms: 3110009O07Rik; BB104635; LH2B
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC072623 sequence for NM_001025565
 CTCCGGCTGGAGCAGTCCCCAACGCAACTACATGCACTGGGAAGTTCAGGCAGCCGGGGACCGCTGAA
 TCTAGCACTTCGTTCTCTTTCTTTGTGTTCAAACTATTTTTCTTCTCCTTAGATTTTGTTCCTCC
 CCCCCACTTCAACCCCCCTCGGCAGTTGTTTTCCATTAGTAACTCGATCTCTCGCTGCAGTTAGAATCGC
 CTGCTTTTCCCTCCGTCGCGTTGTTTGTTCCTGCACATCTCCTTCTGAAAAACCTGGATATCCCCC
 CCCCCGCCCCCTTCCCCGTCGTTCTTTTGCCTCGGTCTTTTCCCTCTCAAGTAGAGCTATTTCTACTCT
 GTCGTTTTCTTCTTCTCTTGTCCCTGTTCCCAACGCGTCTCTACGCTTCTGCATCGCGCAGCCCT
 GTGCGGTGCTTTTGTCTTCTCACTCGAATGAACTGAGAGCCCCAGGCGTGTGTTTATGAAATAGTGGG
 GTGCCGAGCCGAAACAATTCGTGTCCTTTCCGCCCCCAGCCATGCTCTCCACGGAATCTCCGGAGGC
 CACATCCAAGGTATCATGGAGGAGATGGAGCGCAGATCCAAGACTGAGGCCCGTCTGACCAAGGCACTC
 AGCTCAACGCGCCGACGCGGTATGCCCTCTCAGCCCGGAGAAGCCTGCTCTGTGCGCCGGCTGCGG
 GGGCAAGATCTCCGACAGTACTATCTGCTGGCGTAGACAAACAGTGGCATCTTAGGTGCTGAAGTGC
 TGTGAATGTAAGCTGGCTCTGGAATCTGAGCTCACCTGCTTTGCCAAGGACGGTAGCATTACTGCAAGG
 AGGATTATTACAGAAGGTTCTCTGTGCAGAGATGTGCCGCTGCCACCTTGGCATTTCGGCTCTGAGAT
 GGTGATGCGCGCCGAGACTCTGTCTACCATCTGAGCTGCTTCACTTGTTCCTTGAACAAGACCTTG
 ACCACGGGCGACCATTTCCGGATGAAGGACAGCCTGGTGTACTGCCGCGCACACTTCGAGACCCTTTGC
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 CTTCAATGGCACTGGCACCGTGCAGAAGGGGCGGCCCGGAAGCGGAAGAGCCCAGCTCTGGGAGTGGAC
 ATCGTGAATTACAACCTCAGGTTGTAATGAGAACGAGGAGCAGCAGCCTTGGACCGGGACAGCAGCCTTATC
 CACCTTACAGAAGACCAACCGGATGCGAAGTCTTTCAAGCATCACCAGCTCCGACCATGAAATCCTA
 CTTTGCTATCAACCATAACCCAGATGCCAAGGACCTCAAACAGCTTGTCTAAAAACAGGCTGACCAAAA
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 ACACAAATGAGGGCTTAGCCTCGTGTGTTTAAACAAAAGAGCGAGATAAACCATATCTAAACCAGAGCAA
 GCTGGCAGTAATATGCCCTCCCCACATTTGGAGAAAATTATTCTGAAACAATTCACACATTTATCGAG



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CACCATAGCTGTAAAGTAAAGTCCAAAAGTATCCACTTCATCTGCTTGCTAATGTGTATCAGTCCTATCT
 GTTAATGGCATTCCCAATTGTAATTCAGAGAATAACTTTAACTCATTAAATGAGAGACTAGGGACCAA
 GCCCAGTAATTTTAGTATTATTGTCTATTCTTCTTTCTAAACACAAGGCTCTGCATGCACTTTTGCATC
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 ACTAACACCTGAATGGATTTTTCCAATACATTTTTCAGTCAGTGTGAAATCGTGGTTCTGGAAGCTCTG
 CCTTCTTTTCTGATCTGTACCTAGAGGGTGGTTTTTCAATTTTGAATATTTTGAAGTTTGCCTGGTTTT
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 TGGCAAATGATCCTAGGCACACAACTCTTACCAGCAGTATCTGTGAACTTTGGTTGAATATCACTGTA
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 TTCAGAGCAGTATGCTTACAGAGAACTGGGGTGTGAAGCATTGGAAGCGGGAAGTCTGGGACAAAA
 CCACAGCCTTCTATCATTGTAGGCCTTAAAGGAAATACAAAAGATAATGCTGTTGTTATACGAATATAAA
 GTTTTGGATAGAGTTTTCTATTTTCACTGTTTTTCTAGCACGGTAGCTTTGCTTGTAGGACGA
 TTATGAACTGTCACGGAGATCCAAGTCTTTATCCTGTATGGTCACTAGACATCAGGGGACAGTAAGAA
 CACTGGGGCTTAGTCTAGATTAAGAAGTAATGTTGCATTTTCTTGGACACCGTGCATATAGGGAAGGTC
 TGTATTGACCTGTGGGTGAATCTGTTTTCGATTTCTAATGGGAGGTGCTTCTGAAGCCTGGAAGGAAAAG
 TAACACTAAAACCTCCAAAAGTCTGATGTACAATTCCTTGCCTTACAGGCGATGTCAAAAAATTTGAACTG
 AATCTCTTTAGCTTTTGTCTTGTATTTTAGGTGTTTTTTTTTTTTTTTTTGTGCATGCTTTTTTGTCTTT
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 ACTGTGTTGCAAAAATAGATGTTTCAACCAGACAGCACCTCCTGCTCGATACATTTCTGTGAACAGTA
 ACAAACACCCCAACATGTATCCATTGGCAAGTTTCTTCTCTTAGACTGTTGATTTTTGTTTCTC
 CATATTACATTTTATCTTGTGCTGAAATGTCAAGAAAGAGACAAGGATAAAGATGCAGGCATCAGCTCTG
 GGTAGAAAGTTCTGGTGTCTGTTTCTGTGTCCTTTCAGCTCACTTGTGGAACCATCAGGAGTGTCTT
 TCCTTTGGACTTTTCTGTTTACACCATGCATGATCTCAGAAATTACTCTGAAGAGTACCTGGATACCTTT
 TATGGTTATTTGAAATAAAATTTGCTACAAATAAGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Ascl-NotI
ACCN: NM_001025565
Insert Size: 993 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>BC072623</u> , <u>AAH72623</u>
RefSeq Size:	4955 bp
RefSeq ORF:	993 bp
Locus ID:	16876
UniProt ID:	<u>Q9WUH2</u>
Cytogenetics:	1 E4
Gene Summary:	Involved in gonadal development.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1), also known as Lhx9alpha, represents the longest transcript. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.