

Product datasheet for **RN207759**

Lhx1 (NM_145880) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lhx1 (NM_145880) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lhx1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN207759 representing NM_145880 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGCCTGTGCGGGCTGCAAAGGCCATTCTGGACCGTTTCTCTTGAACGTGCTGGACAGGGCCT
GGCAGCTCAAGTGCCTCCAGTGTGAATGTAATGCAACTGACCGAGAAGTCTTCCCGGGAAGG
CAAGCTCTACTGTAACAAACGACTTCTCCGATGTTTCGGTACCAATGCGCGGGTTGTGCGCAGGGCATC
TCTCCAAGCGATCTGGTTCGGAGAGCGCGAAGCAAAGTGTTCACCTCACTGCTTCACCTGCATGATGT
GTAACAAGCAGCTCTCCAGGGCGAGGAGCTCTACATCATCGATGAGAACAAGTTCGTTTGTAAAGAGGA
TTACCTGAGTAACAGCAGTGTGCGCAAAGAGAACAGCCTCCACTCGGCCACCACAGGCAGTGACCCTAGT
TTATCTCCGGATTCCAAGATCCATCGCAGGATGATGCCAAGGACTCTGAAAGTGCCAACGTATCGGATA
AGGAAGGTGGTAGCAATGAGAACGATGACCAGAACCTAGGTGCCAAGCGCAGGGGACCGCGGACCACGAT
CAAAGCCAAGCAACTGGAGACGTTGAAGGCAGCCTTTCAGCTACGCCTAAGCCACACGCCATATCCGC
GAGCAATTGGCCAGGAGACTGGCCTCAACATGCGTGTTATCCAGGCTGGTTCAGAATCGACGCTCCA
AGGAGCGGAGGATGAAGCAGCTAAGCGCGCTGGGTGCGCGGCCACGCCTTTTCCGCAGTCTCGCCG
GATGCGGCCTCTGGTGGACCGCTTGGAGCCGGGGAACCTATCCCTAACGGCCCTTCTCCTTTTATGGA
GATTACCAGAGTGAGTACTACGGTCTGGAGGCAACTACGACTTCTTCCGCAAGGACCACCGTCTCGC
AGGCCACAGACACAGTGGACCTACCCTTGTGCCATCATCTGGGCCTTCGGGGACGCCCTTGGAGGTCT
GGACCACCCGCTGCCTGGCCACCATCCTTCCAGCGAGGCGCAGCGATTCACTGACATCCTGGCACATCCC
CCAGGGGACTCGCTAGTCTGAGCCAGCTTGCCCGGCCTCTCCACTCCATGTCTGCGGAGGTCTTTG
GGCCAGTCCACCTTCTCATCTCTGTCGGTCAATGGTGGAGCCAGCTACGGGAATCACTGTCTCACCC
TCCTGAAATGAATGAGGCAGCCGTGGTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_145880
Insert Size:	1221 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:	NM_145880.3 , NP_665887.3
RefSeq Size:	1938 bp
RefSeq ORF:	1221 bp
Locus ID:	257634
UniProt ID:	P63007
Cytogenetics:	10q26
Gene Summary:	may play a role in the regulation of genes in specific neuronal subtypes [RGD, Feb 2006]