

## Product datasheet for **MC202647**

### Lhx6 (NM\_001083126) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lhx6 (NM_001083126) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lhx6
Synonyms:	Lhx6.1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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<b>Insert Size:</b>	1092 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="#">BC065077</a> , <a href="#">AAH65077</a>
<b>RefSeq Size:</b>	3246 bp
<b>RefSeq ORF:</b>	1092 bp
<b>Locus ID:</b>	16874
<b>UniProt ID:</b>	<a href="#">Q9R1R0</a>
<b>Cytogenetics:</b>	2 B
<b>Gene Summary:</b>	<p>Probable transcription factor required for the expression of a subset of genes involved in interneurons migration and development. Functions in the specification of cortical interneuron subtypes and in the migration of GABAergic interneuron precursors from the subpallium to the cerebral cortex.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) represents the use of an alternate promoter, differs in the 5' UTR and uses a downstream start codon compared to variant 1. The encoded isoform (3, also known as Lhx6.1a) has a shorter N-terminus compared to isoform 1.</p>