

## Product datasheet for **MC220571**

### Lhcgr (NM\_013582) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Lhcgr (NM_013582) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Lhcgr
Synonyms:	Gpcr19-rs1; LH-R; Lhr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC220571 representing NM\_013582  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGGGCGGGGGTCCCGCTCTGAGACAGCTGCTGGTGTGGCAATGCTGGTGTGAAGCAGTCACAGC  
TGCACTCTCCAGAGTTGTCAGGGTCGCGCTGCCCTGAGCCCTGCGACTGCGCGCCGGATGGTGCCCTGCG  
CTGCCCTGGCCCTCGAGCTGGCCTCGCCCGACTATCTCTCACCTATCTCCCTGTCAAAGTAAATCCCATCA  
CAAGCTTTCAGGGGACTTAATGAGGTCTGAAAAATTGAAATCTCTCAGAGTGATTCCCTGAAAAGGATAG  
AAGCTAATGCCTTGGACAACCTCCTCAATCTGTCTGAAATACTGATCCAGAACACCAAAACCTGCTATA  
CATTGAACCCGGTCTTTACAAACCTCCCTCGGTTAAAAATACCTGAGCATCTGTAAACACAGGCATCCGG  
ACCCTCCAGATGTTTCGAAGATCTCTTCTCTGAATTTAATTTTCATTCTGAAAATCTGTGATAACTTAT  
ACATAACCACCATACCAGGGAACGCTTTCGAAGGATGAATAATGAGTCCATCACGCTGAAACTGTATGG  
AAATGGGTTTGAAGAAGTACAAAGCCATGCATTCAATGGGACGACGCTAATCTCGCTGGAGTTAAAAGAA  
AACATCTACCTGGAGAAGATGCACAGTGGCACCTTCCAGGGGGCCACGGGGCCAGCATCCCTGGATGCTCT  
CTTCCACCAAATTCAGGCCCTGCCGAGCCACGGGCTGGAGTCCATTCAGACGCTCATCGCCACGTCATC  
CTACTCACTGAAAATCTGCCCTCCAGAGAAAAATTCACCAGCCTACTGGTTGCCACGCTGACCTACCCT  
AGCCACTGCTGTGCTTTCAGGAATTTGCCGAAGAAAGAACAGAATTTTTCATTTTCCATTTTGGAAACT  
TTTCCAAACAATGTGAAAGCACAGTTAGAGAAGCGAATAACGAGACGCTTATTCTGCCATCTTTGAGGA  
GAATGAACTCAGTGGCTGGGATTACGATTATGACTTCTGTTACCCAAGACACTCCAATGTACTCCAGAA  
CCAGATGCTTTCAATCCCTGTGAAGATATTATGGGCTATGCCTTCCTTAGGGTGTGATTTGGCTAATTA  
ATATACTAGCCATCTTTGGCAACTTGACAGTCCCTTTTGTCTCCTGACCAGTCGTTATAAACTGACGGT  
GCCCGCTTCTCATGTGTAATCTCTCCTTTGACGACTTTTGCATGGGGCTCTACCTGCTGCTCATTGCC  
TCAGTAGACTCCCAAACAAAAGGCCAGTACTATAACCATGCCATAGACTGGCAGACAGGGAGTGGCTGCA  
GTGCAGCTGGCTTCTTACTGTGTTGCGCCAGTGAATTTCTGTCTATACCCTTACAGTCATCACTCTGGA  
AAGGTGGCACACCATCACCTATGCTGTTGAGCTGGACAAAAGCTGAGGCTGAGACATGCCATCCCAATT  
ATGCTCGGAGGATGGATTTTTTCTACCCTGATGGCCACATTGCCCTTGTGGGTGTCAGCAGTTACATGA  
AAGTCAGCATCTGCCTCCCATGGATGTGAATCCACTCTGTACAAGTCTACATATTATCCATCTTGCT  
CCTCAATGCAGTGGCCTTTGTCGTATCTGTGCTGCTACGTTAGGATATACTTTGCAGTCAAATCCA  
GAGCTGACGGCTCCTAACAGGACACAAAAATTGCTAAGAAGATGGCCATCCTCATCTTACAGACTTCA  
CATGCATGGCACCCATCTCATTCTTTGCCATCTCAGCTGCCTTCAAAGTACCCCTTATCACTGTCACCAA  
CTCAAAAGTTCTGCTGGTCTTTTTTATCCTGTCAATTCTTGTGCCAACCCATTTCTGTACGCAGTGTT  
ACGAAGGCATTTTACAGAGATTTCTTTCTTGTGCTGAGCAGATTTGGTTGCTGTAAGCACCGGGCTGAAC  
TTTACAGAAGGAAGGAATTTTCTGCATGTACCTTCAACTCCAAAAACGGCTTTCAGATCAAGTAAAGCC  
TTCCCAGGCTGCCCTGAAGTTATCCATAGTGCAGTGTCAACAACCTACACCTCCAAGAGTGTAAATTCAG  
TAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM\_013582

Insert Size: 2103 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).

<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>	<u><a href="#">NM_013582.2</a></u> , <u><a href="#">NP_038610.1</a></u>
<b>RefSeq Size:</b>	2553 bp
<b>RefSeq ORF:</b>	2103 bp
<b>Locus ID:</b>	16867
<b>UniProt ID:</b>	<u><a href="#">P30730</a></u>
<b>Cytogenetics:</b>	17 58.35 cM
<b>Gene Summary:</b>	Receptor for lutropin-choriogonadotropic hormone. The activity of this receptor is mediated by G proteins which activate adenylate cyclase.[UniProtKB/Swiss-Prot Function]