

Product datasheet for **RN211674**

Lhcgr (NM_012978) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Lhcgr (NM_012978) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Lhcgr
Synonyms:	LH/CG-R; Lhr; LSH-R; LSHR
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211674 representing NM_012978
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGGCGGCGAGTCCCAGCTCTGAGACAGCTGCTGGTGTGGCAGTGTCTGCTGAAGCCTTCACAGC
 TGCAGTCCCAGAGAGCTGTCAGGGTCGCGCTGCCCGAGCCCTGCGACTGCGCACCGGATGGCGCCCTGCG
 CTGTCCTGGCCCTCGAGCCGGCCTCGCCAGACTATCTCTCACCTATCTCCCTGTCAAAGTAAATCCATCA
 CAAGCTTTCAGGGGACTTAATGAGGTCTGAAAAATTGAAATCTCTCAGAGTGATTCCCTGAAAAGGATAG
 AAGCTAATGCCTTTGACAACTCCTCAATTTGTCTGAACTACTGATCCAGAACACCAAAACCTGCTATA
 CATTGAACCTGGTCTTTACAAACCTCCCTCGGTTAAAATACCTGAGCATCTGTAAACACAGGCATCCGA
 ACCCTCCAGATGTTACGAAGATCTCCTCTGAATTTAATTTCTGTTGAAATCTGTGATAACTTAC
 ACATAACCACCATACCCGGGAATGCTTTCAAGGGATGAATAACGAGTCTGTCACACTAAAAGTGTATGG
 AAATGGATTTGAAGAAGTACAAAGCCATGCATTCATGGGACGACTCTAATCTCGCTGGAGCTAAAAGAA
 AACATCTACCTGGAGAAGATGCACAGTGGAGCCTTCCAGGGGGCCACGGGGCCAGCATCCCTGGATATTT
 CTTCACCAAATTCAGGCCCTGCCGAGCCACGGGCTGGAGTCCATTCAGACGCTCATCGCCCTGTCTTC
 CTACTCACTGAAAACACTGCCCTCCAAAGAAAAATTCACGAGCCTCCTGGTGCACGCTGACCTACCCC
 AGCCACTGCTGCGCCTTCAGGAATTTGCCGAAGAAAGAACAGAATTTTTCATTTTCCATTTTAAAACT
 TCTCCAAACAATGCGAAAGCACAGTTAGAAAAGCAGATAACGAGACGCTTATTCGCCATCTTTGAGGA
 GAATGAACTCAGTGGCTGGGATTATGATTATGGCTTCTGTTACCCAAGACACTCCAATGTGCTCCAGAA
 CCAGATGCTTTCAACCCCTGTGAAGATATTATGGGCTATGCCTTCCTTAGGGTCTGATTTGGCTGATTA
 ATATACTAGCCATCTTTGGCAACTGACAGTCTCTTTGTTCTCCTGACCAGTCGTTATAAACTGACAGT
 GCCCGCTTCTCATGTGTAATCTCTCCTTTGACGACTTTTGCATGGGGCTCTACCTGCTGCTCATTTGCC
 TCCGTGGACTCCCAAACAAAAGGCCAGTACTATAACCACGCCATAGACTGGCAGACAGGGAGTGGCTGCG
 GTGCAGCTGGCTTCTTTACTGTGTTTGGCAGTGAAGTCTCTGTCTACACCCTGACGGTTATCACCTGGA
 AAGGTGGCACACCATCACCTATGCTGTACAGCTAGACAAAAGCTAAGACTGAGGCATGCCATCCCAATT
 ATGCTCGGAGGATGGCTTTTTCTACGCTGATCGCCACGATGCCCTTGTGGGTATCAGCAATTACATGA
 AGGTCAGCATCTGCCTCCCATGGATGTGAATCCACTCTGTCCCAAGTCTACATATTATCCATCTTAAT
 CCTCAACGTGGTGGCCTTCGTCGTCATCTGTGCTTGTACATTAGGATCTACTTTGCAGTCAAAATCCA
 GAGCTGACAGCTCCTAACAGGACACAAAATTTGCTAAGAAGATGGCCATCCTCATCTTACAGACTTCA
 CGTGCATGGCGCCATCTTTCTTTGCCATCTCGGCTGCCTTCAAAGTGGCCCTTATCACTGTCACCAA
 CTGCAAAATCTTACTGGTCTTTTTTATCCTGTCAATTCTTGTGCCAATCCATTTCTGTATGCGATCTTC
 ACGAAGGCGTTTCAGAGAGATTTCTTCTGCTGCTGAGCCGATTCGGCTGCTGTAACCGCCGGGCGGAGC
 TTTACAGAAGGAAGGAATTTCTGCATATACTTCCAAGTCAAAAATGGCTTCCAGGAGCAAGTAAAGCC
 GTCCAGGCTACCCTGAAGTTGTCCACAGTGCAGTGTCAACAGCCCATACCACCGAGAGCGTTAACTCAC
 TAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012978
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).

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>NM_012978.1</u> , <u>NP_037110.1</u>
RefSeq Size:	2902 bp
RefSeq ORF:	2103 bp
Locus ID:	25477
UniProt ID:	<u>P16235</u>
Cytogenetics:	6q12
Gene Summary:	for both luteinizing hormone and choriogonadotropin; involved in reproductive development and function [RGD, Feb 2006]