

## Product datasheet for MC218173

### Gnrhr (BC061250) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gnrhr (BC061250) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gnrhr
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>BC061250 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCGCGATCGCC

ATGGCTAACAAATGCATCTTTGAGCAGGACCCAAATCACTGCTCGGCCATCAACAACAGCATCCCCTTGA  
TACAGGGCAAGTCCCAGCTCTAACCGTATCTGGAAAGATCCGAGTGACCGTGACTTTCTCCTTTTCCT  
ACTCTCTACTGCCTTCAATGCTTCTTCTTGTGAAGCTGCAGAAGTGGACTCAGAAGAGGAAGAAAGGA  
AAAAAGCTCTCAAGGATGAAGGTGCTTTTAAAGCATTTGACCTTAGCCAACCTGCTGGAGACTCTGATCG  
TCATGCCACTGGATGGGATGTGGAATTTACTGTTCAAGTGGTATGCTGGGAGTTCCTCTGCAAAGTTCT  
CAGCTATCTGAAGCTTCTCTATGATGCCCCAGCTTTCATGATGGTGGTATTAGCCTGGACCGCTCC  
CTGGCCATCACTCAGCCCCTTGCTGTACAAAGCAACAGCAAGCTTGAACAGTCTATGATCAGCCTGGCCT  
GGATTCTCAGCATTGTCTTTGCAGGACCACAGTTATATATCTTCAGGATGATCTACCTAGCAGACGGCTC  
TGGGCCACAGTCTTCTCGCAATGTGTGACCCACTGCAGCTTCCACAGTGGTGGCATCAGGCCTTCTAC  
AACTTTTTACCTTCGGCTGCCTTTCATCATCCCCCTCCTCATGCTAATCTGCAATGCCAAAATCA  
TCTTTGCTCTCAGCGAGTCCTTCATCAAGACCCACGCAGTACGGTATTCCTTAGATCTAAGAATCACTG  
TAGACAAACGGAATTTAAACAGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	BC061250
Insert Size:	795 bp



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<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="#">BC061250</a> , <a href="#">AAH61250</a>
<b>RefSeq Size:</b>	1500 bp
<b>RefSeq ORF:</b>	794 bp
<b>Locus ID:</b>	14715
<b>Cytogenetics:</b>	5 43.56 cM
<b>Gene Summary:</b>	Receptor for gonadotropin releasing hormone (GnRH) that mediates the action of GnRH to stimulate the secretion of the gonadotropic hormones luteinizing hormone (LH) and follicle-stimulating hormone (FSH). This receptor mediates its action by association with G-proteins that activate a phosphatidylinositol-calcium second messenger system.[UniProtKB/Swiss-Prot Function]