

Product datasheet for **MC208576**

Gnrhr (NM_010323) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gnrhr (NM_010323) 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: >MC208576 representing NM_010323
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGCTAACAAATGCATCTTTGAGCAGGACCCAAATCACTGCTCGGCCATCAACAACAGCATCCCCTTGA
TACAGGGCAAGTCCCGACTCTAACCGTATCTGGAAAGATCCGAGTGACCGTGACTTTCTCCTTTTCTCT
ACTCTCTACTGCCTTCAATGCTTCTTCTTGTGAAGCTGCAGAAGTGGACTCAGAAGAGGAAGAAAGGA
AAAAAGCTCTCAAGGATGAAGGTGCTTTTAAAGCATTGACCTTAGCCAACCTGCTGGAGACTCTGATCG
TCATGCCACTGGATGGGATGTGGAATTAATGTTTCAGTGGTATGCTGGGAGTTCTCTGCAAAGTTCT
CAGCTATCTGAAGCTCTTCTCTATGTATGCCCCAGCTTTCATGATGGTGGTATTAGCCTGGACCGCTCC
CTGGCCATCACTCAGCCCTTGTGTACAAAGCAACAGCAAGCTTGAACAGTCTATGATCAGCCTGGCCT
GGATTCTCAGCATTGTCTTTGCAGGACCACAGTTATATATCTTCAGGATGATCTACCTAGCAGACGGCTC
TGGGCCACAGTCTTCTCGCAATGTGTGACCCACTGCAGCTTCCACAGTGGTGGCATCAGGCCTTCTAC
AACTTTTTACCTTCGGCTGCCTCTTCATCATCCCCCTCCTCATGCTAATCTGCAATGCCAAAATCA
TCTTTGCTCTCAGCGAGTCCTTCAAGACCCACGCAAACTACAGCTGAATCAGTCCAAGAATAATAT
CCCAAGAGCTCGGCTGAGAACGCTAAAGATGACAGTCGCATTGCTACCTCTTTGTCGTCGCTGGACT
CCCTACTATGTCCTAGGCATTTGGTACTGGTTGATCCAGAAATGTTGAACAGGGTGTGAGGCCAGTGA
ATCACTTTTTCTTCTTTGCTTTCCTAAACCGTGCTTCGACCCACTCATATATGGGTATTTCTCTTT
GTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_010323
Insert Size: 984 bp



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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_010323.2 , NP_034453.1
RefSeq Size:	2482 bp
RefSeq ORF:	984 bp
Locus ID:	14715
UniProt ID:	Q01776
Cytogenetics:	5 43.56 cM
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>