

Product datasheet for RN205433

Gnrhr (NM_031038) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Gnrhr (NM_031038) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Gnrhr
 Synonyms: GH1; Lhrhr
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN205433 representing NM_031038
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCTAACAAATGCGTCTCTTGAGCAGGACCAAAATCACTGCTCAGCCATCAACAACAGCATCCCCCTGA
 CACAGGGCAAGCTCCCGACTTAACCTTATCTGAAAAGATCCGAGTGACGGTGACTTTCTCCTTTTCT
 ACTCTCTACTGCCTTCAATGCCTTTTCTGGTAAAGCTGCAGAGGTGGACCCAGAAGAGGAAGAAAGGA
 AAAAAGCTCTCAAGGATGAAGGTCTTTTAAAGCATTGACCTTAGCCAACCTCCTTGAGACTCTAATCG
 TCATGCCGCTGGATGGGATGTGGAACATCACTGTTCAAGTGGATGCTGGAGAGTTCTTTGCAAAGTTCT
 CAGCTATCTGAAGCTCTTCTCTATGTATGCCCCAGCCTTCATGATGGTGGTGATTAGCCTGGATCGCTCC
 CTGGCCGTCAGCCCTTAGCTGTCCAAAGCAAGCAAGCTTGAACGGTCTATGACCAGCCTGGCCT
 GGATTCTCAGCATTGTCTTTGCGGGACCACAGTTATATATCTTCAGGATGATCTACCTAGCCGACGGCTC
 TGGGCCAGCAGTTTTCTCGCAATGTGTGACCCACTGCAGCTTCCGCAATGGTGGCATGAAGCCTTCTAC
 AACTTTTTACCTTCAGCTGCCTGTTTCATCATCCCTCTTCTCATCATGCTAATCTGCAATGCCAAATCA
 TCTTCGCCCTCACACGAGTCTTCATCAGGACCCAGCAAACTACAGTGAATCAATCCAAGAATAATAT
 CCCAAGAGCAGGCTGAGAACTCTAAAGATGACAGTGGCATTGGCCACCTCCTTTGTCTCTGCTGGACT
 CCTACTACGTCTAGGAATCTGGTACTGGTTTATCCGAAATGTTAAACAGGGTGTGAGCCAGTCA
 ATCACTTCTTCTTCTTTGCTTTTCTAAACCGTGCTTCGACCCACTTATATATGGGTATTTCTCTTT
 GTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_031038



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Insert Size:	984 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:	NM_031038.3 , NP_112300.2
RefSeq Size:	2623 bp
RefSeq ORF:	984 bp
Locus ID:	81668
UniProt ID:	P30969
Cytogenetics:	14p21
Gene Summary:	induces the synthesis of pituitary gonadotropins; G-protein coupled receptor activity acts via both G(q) and G(s) signaling pathways [RGD, Feb 2006]