

Product datasheet for **RN207550**

Gnrh1 (NM_012767) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gnrh1 (NM_012767) Rat Untagged Clone
Tag: Tag Free
Symbol: Gnrh1
Synonyms: Gnrh; Gnrha; Lhrh; Rgnrhg1; SH-4
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN207550 representing NM_012767
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAAACGATCCCCAACTGATGGCCGCTGTTGTTCTGTTGACTGTGTGTTTGAAGGCTGCTCCAGCC
AGCACTGGTCCTATGGGTTGCGCCCTGGGGGAAGAGAAATACTGAACACTTGGTTGATTCTTTCCAAGA
GATGGGCAAGGAGGAGGATCAAATGGCAGAACCCAGAACTTCGAATGCACTGTCCACTGGCCCCGTTCA
CCTCTTAGGGATCTGCGAGGAGCTCTGGAACGTCTGATTGAAGAGGAAGCTGGGCAGAAGAAGAT**GTAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul
ACCN: NM_012767
Insert Size: 279 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).



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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_012767.2, NP_036899.1</u>
RefSeq Size:	467 bp
RefSeq ORF:	279 bp
Locus ID:	25194
UniProt ID:	<u>P07490</u>
Cytogenetics:	15p12
Gene Summary:	involved in induction of ovulation; may inhibit anterior pituitary cell apoptosis [RGD, Feb 2006]