

Recombinant Rat GnRH1 protein, His & S-tagged

Cat. No. GnRH1-7816R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat GnRH1 aa. (His25~Met92 (Accession # P07490)) fused with N-terminal His & S tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	His25~Met92
Description	Involved in induction of ovulation; may inhibit anterior pituitary cell apoptosis.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 13.7kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.6.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

[Gnrh1 gonadotropin releasing hormone 1 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Gnrh1](#)

Synonyms

Gnrh1; gonadotropin releasing hormone 1; Gnrh; Lhrh; SH-4; Gnrha; Rgnrhg1; progonadoliberin-1; Putative protein SH; gonadotropin-releasing hormone 1 (luteinizing-releasing hormone); luteinizing hormone-releasing hormone; progonadoliberin I

Gene ID

[25194](#)

mRNA Refseq

[NM_012767.2](#)

Protein Refseq

[NP_036899.1](#)

UniProt ID

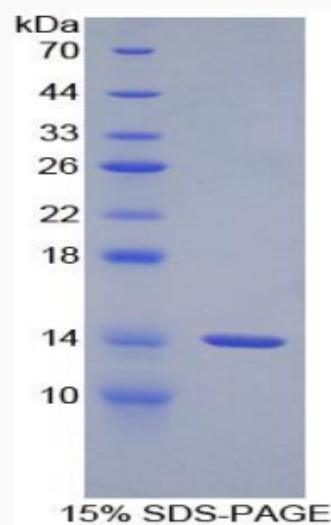
[P07490](#)

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SDS-PAGE



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