Gonadotropin Releasing Hormone (GnRH) Recombinant Protein | GnRH recombinant protein

Recombinant Gonadotropin Releasing Hormone (GnRH)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA134766	**E.coli**	**Rattus norvegicus (Rat)**	**Western Blot, SDS-Page**

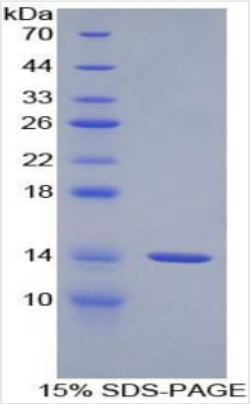
PRODUCT SYNONYMS

Gonadotropin Releasing Hormone (GnRH); Recombinant Gonadotropin Releasing Hormone (GnRH); GnRH recombinant protein

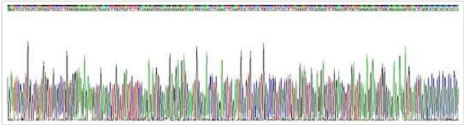
PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Rattus norvegicus (Rat)
Purity/Purification	> 90%
Form/Format	PBS, pH7.4, containing 0.01% Sarcosyl, 5% Trehalose.
Concentration	Original Concentration: 10000ug/mL (varies by lot)
Sequence	HWSYGLRPGG KRNTEHLVDS FQEMGKEEDQ MAEPQNFECT VHWPRSPLRD LRGALERLIE EEAGQKKM
Applicable Applications for GnRH recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	His25~Met92
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	5.6
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	**Storage:** Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. **Stability Test:** 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 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	6980968
NCBI GeneID	25194
NCBI Accession #	NP_036899.1
NCBI GenBank Nucleotide #	NM_012767.2
UniProt Accession #	P07490
Molecular Weight	Predicted Molecular Mass: 14.6kDa Accurate Molecular Mass: 14kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	progonadoliberin-1
NCBI Official Synonym Full Names	gonadotropin-releasing hormone 1 (luteinizing-releasing hormone)
NCBI Official Symbol	Gnrh1
NCBI Official Synonym Symbols	Gnrh; Lhrh; Gnrha; Rgnrhg1
NCBI Protein Information	progonadoliberin-1; progonadoliberin I; gonadotropin releasing hormone 1; luteinizing hormone-releasing hormone
UniProt Protein Name	Progonadoliberin-1
UniProt Gene Name	**Gnrh1**
UniProt Synonym Gene Names	Gnrh; GnRH-I; LH-RH I
UniProt Entry Name	GON1_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/gnrh1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134766