

# Recombinant Human GNRH1 Protein, His-tagged, OVA Conjugated

Cat. No. GNRH1-2811H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	OVA Conjugated Recombinant Human GNRH1 Protein (Glu24-Gly33) fused with a N-His tag.
<b>Species</b>	Human
<b>Source</b>	Protein Conjugation
<b>ProteinLength</b>	Glu24-Gly33
<b>Description</b>	<p>This gene encodes a preproprotein that is proteolytically processed to generate a peptide that is a member of the gonadotropin-releasing hormone (GnRH) family of peptides. Alternative splicing results in multiple transcript variants, at least one of which is secreted and then cleaved to generate gonadoliberein-1 and GnRH-associated peptide 1. Gonadoliberein-1 stimulates the release of luteinizing and follicle stimulating hormones, which are important for reproduction. Mutations in this gene are associated with hypogonadotropic hypogonadism.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 1 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	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 centigrade 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.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in PBS or others.
<b>Conjugation</b>	OVA

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">GNRH1 gonadotropin releasing hormone 1 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">GNRH1</a>
<b>Synonyms</b>	GNRH1; gonadotropin releasing hormone 1; GRH; GNRH; LHRH; LNRH; progonadoliberin-1; GnRH-associated peptide 1; gonadotropin-releasing hormone 1 (luteinizing-releasing hormone); leuteinizing-releasing hormone; luliberin I; prolactin release-inhibiting factor
<b>Gene ID</b>	<a href="#">2796</a>
<b>mRNA Refseq</b>	<a href="#">NM_000825</a>
<b>Protein Refseq</b>	<a href="#">NP_000816</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>MIM</b>	152760
------------	--------

<b>UniProt ID</b>	P01148
-------------------	--------

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA