Recombinant Human GNRH1 Protein, His-tagged, OVA Conjugated

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

SPECIFICATION

Product Overview	OVA Conjugated Recombinant Human GNRH1 Protein (Glu24-Gly33) fused with a N-His tag.
Species	Human
Source	Protein Conjugation
ProteinLength	Glu24-Gly33
Description	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 gonadoliberin-1 and GnRH-associated peptide 1. Gonadoliberin-1 stimulates the release of luteinizing and follicle stimulating hormones, which are important for reproduction. Mutations in this gene are associated with hypogonadotropic hypogonadism.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 1 kDa
Purity	> 90%
Applications	Immunogen; SDS-PAGE; WB.

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

GENE INFORMATION

Gene Name	GNRH1 gonadotropin releasing hormone 1 [Homo sapiens (human)]
Official Symbol	GNRH1
Synonyms	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
Gene ID	2796
mRNA Refseq	NM_000825
Protein Refseq	NP_000816

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MIM	152760
UniProt ID	P01148

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