

# Recombinant Full Length Human GNRH1 Protein, GST-tagged

**Cat. No.** GNRH1-5408HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human GNRH1 full-length ORF ( NP_000816.1, 1 a.a. - 92 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	92 amino acids
<b>Description</b>	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. [provided by RefSeq, Nov 2015]
<b>Molecular Mass</b>	35.75 kDa
<b>AA Sequence</b>	MKPIQKLLAGLILLTWCVEGCSSQHWSYGLRPGGKRDAENLIDSFQEIVKEVGQLAE TQRFECTTHQPRSPLRDLKGALESLEEETGQKKI
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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	Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	GNRH1 gonadotropin-releasing hormone 1 (luteinizing-releasing hormone) [ Homo sapiens ]
<b>Official Symbol</b>	GNRH1
<b>Synonyms</b>	GNRH1; gonadotropin-releasing hormone 1 (luteinizing-releasing hormone); GNRH, gonadotropin releasing hormone 1 (leutinizing releasing hormone), GRH, LHRH; progonadoliberin-1; luliberin I; progonadoliberin I; GnRH-associated peptide 1; prolactin release-inhibiting factor; gonadotropin-releasing hormone 1 (leutinizing-releasing hormone); GRH; GNRH; LHRH; LNRH;
<b>Gene ID</b>	2796
<b>mRNA Refseq</b>	NM_000825
<b>Protein Refseq</b>	NP_000816
<b>MIM</b>	152760
<b>UniProt ID</b>	P01148

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