

Recombinant Full Length Human GNRH1 Protein, C-Flag-tagged

Cat. No. GNRH1-1845HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human GNRH1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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 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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	7.8 kDa
AA Sequence	MKPIQKLLAGLILLTWCVEGCSSQHWSYGLRPGGKRDAENLIDSFQEIVKEVGQLAE TQRFECTTHQPRS PLRDLKGALESLEEETGQKKI TRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Secreted Protein
Protein Pathways	GnRH signaling pathway
Full Length	Full L.

GENE INFORMATION

Gene Name	GNRH1 gonadotropin releasing hormone 1 [Homo sapiens (human)]
Official Symbol	GNRH1
Synonyms	GRH; GNRH; LHRH; LNRH
Gene ID	2796
mRNA Refseq	NM_000825.3
Protein Refseq	NP_000816.4
MIM	152760

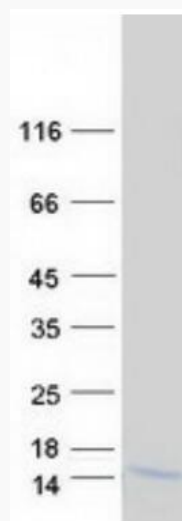
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UniProt ID

P01148



Coomassie blue staining of purified GNRH1 protein.

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