

Recombinant Full Length Human GNRH2 Protein, GST-tagged

Cat. No. GNRH2-5410HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GNRH2 full-length ORF (NP_001492.1, 1 a.a. - 120 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	120 amino acids
Description	The protein encoded by this gene is a preproprotein that is cleaved to form a secreted 10 aa peptide hormone. The secreted decapeptide regulates reproduction in females by stimulating the secretion of both luteinizing- and follicle-stimulating hormones. Three transcript variants that encode unique proproteins but the same peptide hormone have been found for this gene. [provided by RefSeq]
Molecular Mass	39.3 kDa
AA Sequence	MASSRRGLLLLLLLTAHLGPSEAQHWSHGWYPGGKRALSSAQDPQNALRPPGRAL DTAAGSPVQTAHGLPSDALAPLDDSMPEWEGRTTAQWSLHRKRHLARTLLTAAREP RPAPPSSNKV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	GNRH2 gonadotropin-releasing hormone 2 [Homo sapiens]
Official Symbol	GNRH2
Synonyms	GNRH2; gonadotropin-releasing hormone 2; progonadoliberin-2; luliberin II; progonadoliberin II; luteinizing hormone-releasing hormone II; GnRH-II; LH-RHII;
Gene ID	2797
mRNA Refseq	NM_001501
Protein Refseq	NP_001492
MIM	602352
UniProt ID	O43555

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