

Recombinant Human GNRH2, His-tagged

Cat. No. GNRH2-178H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Progonadoliberin-2/GNRH2 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Gln24-Val120) of Human GNRH2 fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	24-120 a.a.
AA Sequence	QHWSHGWYPGGKRALSSAQDPQNALRPPGRALDTAAGSPVQTAHGLPSDALAPL DDSMPEWEGRTT AQWVSLHRKRHLARTLLTAAREPRPAPPSSNKVVDHHHHHHH
Endotoxin	Less than 0.1 ng/μg (1 IEU/μg).
Purity	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.

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;

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Gene ID	2797
mRNA Refseq	NM_001501
Protein Refseq	NP_001492
MIM	602352
UniProt ID	O43555
Chromosome Location	20p13
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (q) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GnRH signaling pathway, organism-specific biosystem; GnRH signaling pathway, conserved biosystem; Hormone ligand-binding receptors, organism-specific biosystem;
Function	hormone activity;

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