

Recombinant Human GNRH2 protein, His-tagged

Cat. No. GNRH2-5744H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human GNRH2 protein(24-120 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	24-120 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	QHWSHGWYPPGGKRALSSAQDPQNALRPPGRALDTAAGSPVQTAHGLPSDALAPL DDSMWPWEGRTTAQWSLHRKRHLARTLLTAAREPRPAPPSSNKV
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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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