Human LHRH

Synonyms: Progonadoliberin-1, Progonadoliberin I, Lutenizing Hormone Releasing Hormone, LHRH, GRH, GNRH, LNRH.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order#	Lot#	Expiry Date
10 mg	2270.957.109		
25 mg	2270.957.288		
100 mg	2270.957.166		

Please enquire for bulk quantities and other vial sizes.

Description

Lutenizing Hormone Releasing Hormone Human Synthetic is a single, non-glycosylated, polypeptide chain containing 10 amino acids and having a molecular mass of 1182.2 Dalton. The molecular formula is C55H75N17O13.C2H4O2. The CAS Number is 71447-49-9.

- **Source** synthetic
- **Purity** ≥ 98 % (RP-HPLC)
- **Endotoxin Level** ≤ 0.1 ng/µg (≤ 1 EU/µg)
- **Buffer** The LHRH was lyophilized from a concentrated (1 mg/ml) solution with no additives*
- **Physical State** Sterile filtered, lyophilized

Reconstitution

We recommend a quick spin followed by reconstitution in sterile water to a concentration of at least 100 µg/ml, which can then be further diluted to other aqueous solutions. Do not vortex.

Stability

Lyophilized LHRH although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution LNRH should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1 % HSA, order number: 2835.955.xyz or 2835.958.xyz, or BSA, order number: 2835.919.xyz). Please avoid repeated freeze-thaw cycles.

Amino Acid Sequence

Pyr-His-Tr p-Ser-Tyr- Gly-Leu-Ar g-Pro-Gly- NH2

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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