



Gonadotropin-Releasing Hormone (GnRH) Human, E. coli Recombinant

Product Data Sheet

Cat. No.: A2268020 A22681MG
Size: 20 µg 1 mg

Description:

Gonadotropin-Releasing Hormone (GnRH) Human, also known as Luteinizing-hormone releasing hormone (LHRH), recombinantly produced in E. coli cells, is a non-glycosylated polypeptide chain containing 92 amino acids (24-92 a.a.) and having a molecular mass of 10.3kDa.

GnRH is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGSQHWSYGL RPGGKRDAEN LIDSFQEIVK EVGQLAETQR
FECTTHQPRS PLRDLKGALE SLIEEETGQK KI.

Source:

E. coli

Purity:

Greater than 90%.

Physical Appearance:

Sterile filtered colorless solution.

Formulation:

GnRH protein solution (0.5 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

Shipping:

Shipped on regular ice packs. Upon receipt, store at the temperature recommended below.

update.: 072021

Ilex Life Sciences LLC

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Stability:

Store at 4° C if entire vial will be used within 2-4 weeks.

Store, frozen at -20° C for longer periods of time.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid multiple freeze-thaw cycles.

Usage:

Ilex Life Sciences products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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