



LKT Laboratories, Inc.
Growth Hormone Releasing Factor,

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Product Information

Product ID G6856

CAS No. 83930-13-6

Chemical Name

Synonym Growth Hormone Releasing Hormone, GRF, GHRF, GHRH, GRF (1-44), amide, human.

Formula C₂₁₅H₃₅₈N₇₂O₆₆S

Formula Wt. 5039.70

Melting Point

Purity ≥98%

Solubility Soluble in water, acetic acid, TFA.

Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-Gln-Gln-Gly-Glu-Ser-Asn-Gln-Glu-Arg-Gly-Ala-Arg-Ala-Arg-Leu-NH₂

Bulk quantities available upon request

Product ID	Size
G6856	1 mg

Store Temp -20° C

Ship Temp Ambient

Description Growth hormone-releasing factor is an endogenous peptide hormone that enhances follicle-stimulating hormone (FSH)-induced steroidogenesis in vitro and inhibits myosin light chain kinase (MLCK) activity. Additionally, this peptide increases locomotor activity, preventing habituation.

References Karakji EG, Tsang BK. Growth hormone releasing factor and vasoactive intestinal peptide stimulate rat granulosa cell plasminogen activator activity in vitro during follicular development. *Mol Cell Endocrinol.* 1995 Jan;107(1):105-12. PMID: 7796929.

Shiraga H, Stallwood D, Ebadi M, et al. Inhibition of calmodulin-dependent myosin light-chain kinase by growth-hormone-releasing factor and vasoactive intestinal peptide. *Biochem J.* 1994 Jun 15;300 (Pt 3):901-5. PMID: 8010976.

Alvarez XA, Cacabelos R. Influence of growth hormone (GH) and GH-releasing factor on locomotor activity in rats. *Peptides.* 1993 Jul-Aug;14(4):707-12. PMID: 8234013.

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.