



LKT Laboratories, Inc.

Urotensin I

Phone: 888-558-5227
651-644-8424
Fax: 888-558-7329
Email: getinfo@lktlabs.com
Web: lktlabs.com

Product Information

Product ID U6957

CAS No. 83930-33-0

Chemical Name

Synonym

Formula $C_{210}H_{340}N_{62}O_{67}S_2$

Formula Wt. 4869.55

Melting Point

Purity $\geq 95\%$

Solubility Soluble in water.

Store Temp $-20^{\circ}C$

Ship Temp Ambient

Description Urotensin I is an endogenous peptide ligand and member of the corticotropin-releasing factor (CRF) family. Urotensin I can be used as a biomarker for heart failure in clinical settings. Urotensin I modulates stress responses in vivo and can exhibit anxiogenic and anorexigenic activities.

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

Bulk quantities available upon request

Product ID	Size
U6957	0.5 mg
U6957	1 mg
U6957	2.5 mg

References Ortega VA, Lovejoy DA, Bernier NJ. Appetite-suppressing effects and interactions of centrally administered corticotropin-releasing factor, urotensin I and serotonin in rainbow trout (*Oncorhynchus mykiss*). *Front Neurosci.* 2013 Oct 29;7:196. PMID: 24194695.

Backström T, Pettersson A, Johansson V, et al. CRF and urotensin I effects on aggression and anxiety-like behavior in rainbow trout. *J Exp Biol.* 2011 Mar 15;214(Pt 6):907-14. PMID: 21346117.

Boorse GC, Denver RJ. Widespread tissue distribution and diverse functions of corticotropin-releasing factor and related peptides. *Gen Comp Endocrinol.* 2006 Mar;146(1):9-18. PMID: 16413023.

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