



**LKT Laboratories, Inc.**  
**Neuropeptide K, porcine**

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## Product Information

**Product ID** N1985

**CAS No.**

**Chemical Name**

**Synonym** neurokinin K

**Formula**  $C_{175}H_{284}N_{52}O_{52}S$

**Formula Wt.** 3980.57

**Melting Point**

**Purity** ≥95%

**Solubility** Soluble in water, acid.

**Store Temp** -20°C

**Ship Temp** Ambient

**Description** Neuropeptide K is an endogenous C-terminal extended form of neurokinin A that binds the neurokinin 2 (NK2) receptor. Neuropeptide K is a tachykinin peptide that displays vasodepressor and cardiomodulatory activities; it also acts as an anorexigenic peptide, decreasing food intake in vivo.

Asp-Ala-Asp-Ser-Ser-Ile-Glu-  
Lys-Gln-Val-Ala-Leu-Leu-Lys-  
Ala-Leu-Tyr-Gly-His-Gly-Gln-  
Ile-Ser-His-Lys-Arg-His-Lys-  
Thr-Asp-Ser-Phe-Val-Gly-Leu-  
Met-NH<sub>2</sub>

## Pricing and Availability

*Bulk quantities available upon request*

Product ID	Size	List Price
N1985	5 mg	\$450.00
N1985	10 mg	\$1200.00
N1985	25 mg	\$1850.00

**References** Prall BC, Cline MA. Anorexigenic effects of central neuropeptide K are associated with hypothalamic changes in juvenile Gallus gallus. Gen Comp Endocrinol. 2008 Nov-Dec;159(2-3):130-5. PMID: 18786538.

Dike A, Cowsik SM. Three-dimensional structure of neuropeptide k bound to dodecylphosphocholine micelles. Biochemistry. 2006 Mar 7;45(9):2994-3004. PMID: 16503654.

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