



LKT Laboratories, Inc.

Neuropeptide K, pig

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

Product Information

Product ID N1985

CAS No.

Chemical Name

Synonym neurokinin K

Formula C₁₇₅H₂₈₄N₅₂O₅₂S

Formula Wt. 3980.57

Melting Point

Purity ≥95%

Solubility Soluble in water, acid.

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-NH₂

Product ID	Size
N1985	5 mg
N1985	10 mg
N1985	25 mg

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.

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.