

## Neuropeptide K (human, porcine, rat)

Cat. No.:	HY-P10268
CAS No.:	96827-05-3
Molecular Formula:	C <sub>175</sub> H <sub>284</sub> N <sub>52</sub> O <sub>52</sub> S
Molecular Weight:	3980.51
Sequence:	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>
Sequence Shortening:	DADSSIEKQVALLKALYGHGQISHKRHKTDSEVGLM-NH <sub>2</sub>
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Neuropeptide K, human, porcine, rat exhibits bioactivity in gallbladder contraction, protein extravasation, hypotension and bronchial smooth muscle spasm. Neuropeptide K, human, porcine, rat is concentrated in brain and acts as tachykinin neuromessenger<sup>[1]</sup>.

### REFERENCES

[1]. Tatemoto K, et al., Neuropeptide K: isolation, structure and biological activities of a novel brain tachykinin. *Biochem Biophys Res Commun.* 1985 Apr 30;128(2):947-53.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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