



Genemed Synthesis, Inc.  
6203 Wood Lake Center Dr., Bldg. 2, San Antonio, TX 78244, USA  
**Toll free** (800) 344-5337; **Phone:** (210) 745-5988; **Fax** (210) 745-5992  
**Email:** [info@genemedsyn.com](mailto:info@genemedsyn.com), **Website:** [www.genemedsyn.com](http://www.genemedsyn.com)

## Product Data Sheet

**Cat#:** SP-100027-5  
**Description:** [ $\beta$ -Ala8]-Neurokinin A (4-10) (Asp-Ser-Phe-Val- $\beta$ -Ala-Leu-Met-NH<sub>2</sub>; MW: 781)  
**Size:** 5 mg  
**Purity:** >95%  
**Form:** Powder  
**Store:** Desiccated at -20°C.

Neurokinins are part of the tachykinin family of peptides and neuromedins. Neurokinin A and B were originally isolated from porcine spinal cord. Neurokinins (substance P, neurokinin A, neurokinin B) and the neurokinin receptors - NK1 and NK3 - are largely expressed in the nucleus of the solitary tract (NST), where they are involved in the central regulation of visceral function. Neurokinin A is involved in hematopoietic regulation while Neurokinin B is known for its role as the mediator of pain transmission

### Related products

SP-100027-5 [ $\beta$ -Ala8]-Neurokinin A (4-10) (Asp-Ser-Phe-Val- $\beta$ -Ala-Leu-Met-NH<sub>2</sub>; MW: 781)  
SP-100028-5 [Nle10]-Neurokinin A (4-10) [Asp-Ser-Phe-Val-Gly-Leu-Nle-NH<sub>2</sub>; MW 748.88]  
SP-100029-5 [Trp7, $\beta$ -Ala8]-Neurokinin A (4-10) [Asp-Ser-Phe-Trp- $\beta$ -Ala-Leu-Met- NH<sub>2</sub>; MW 868.03]  
SP-100030-5 [Tyr5,D-Trp6,8,9,Arg-NH210]-Neurokinin A (4-10) [Asp-Tyr-D-Trp-Val-D-Trp-D-Trp-Arg-NH<sub>2</sub>; MW 1109.3]  
SP-100031-5 Biotin-Neurokinin B (AA: Biotin-Asp-Met-His-Asp-Phe-Phe-Val-Gly-Leu-Met-NH<sub>2</sub>) (MW: 1326.53)  
SP-100032-5 [Pro7]-Neurokinin B [Asp-Met-His-Asp-Phe-Phe-Pro-Gly-Leu-Met- NH<sub>2</sub>; MW 1208.43]  
SP-100033-5 [D-Pro2,D-Trp6,8,Nle10]-Neurokinin B [Asp-D-Pro-His-Asp-Phe-D-Trp-Val-D-Trp-Leu-Nle-NH<sub>2</sub>; MW: 1326.53]  
SP-101110-5 [Ala5,  $\beta$ -Ala8]-Neurokinin A (4-10) [Asp-Ala-Phe-Val- $\beta$ -Ala-Leu-Met-NH<sub>2</sub>; MW: 765]  
SP-88018-5 [Tyr0] - Neurokinin A [Tyr-His-Lys-Thr-Asp-Ser-Phe-Val-Gly-Leu-Met-NH<sub>2</sub>; MW 1296.52]  
SP-88019-5 [Tyr0] - Neurokinin B [Tyr-Asp-Met-His-Asp-Phe-Phe-Val-Gly-Leu-Met-NH<sub>2</sub>; MW 1373.63]  
SP-88020-5 Biotin - Neurokinin A (AA: Biotin -His-Lys-Thr-Asp-Ser-Phe-Val-Gly-Leu-Met-NH<sub>2</sub>) (MW: 1359.64)  
SP-88021-5 Neurokinin A; Substance K; Neuromedin L; NKA (AA: His-Lys-Thr-Asp-Ser-Phe-Val-Gly-Leu-Met-NH<sub>2</sub>) (MW: 1133.34)  
SP-88022-5 Neurokinin Receptor (393 - 407), rat (AA: Lys-Thr-Met-Thr-Glu-Ser-Ser-Phe-Tyr-Ser-Asn-Met-Leu-Ala) (MW: 1326.53)  
SP-55265-5 Neurokinin A (4-10); H-Asp-Ser-Phe-Val-Gly-Leu-Met-NH<sub>2</sub>; MW 766.92  
SP-55366-2 Neurokinin B; H-Asp-Met-His-Asp-Phe-Phe-Val-Gly-Leu-Met-NH<sub>2</sub>; MW 1210.45

*All peptides are for in vitro research use only.*

SP-100027-5

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