

**PRODUCT: PACAP (human, sheep, rat)  
(1-38)**

<b>ALTERNATE NAME:</b>	Pituitary adenylate cyclase activating polypeptide; HSDGIFTDSYSRYRKQMAVKKYLAAVLGKRYKQRVKNK- NH <sub>2</sub>
<b>CATALOG #:</b>	B1561-100, 500
<b>AMOUNT:</b>	100 µg, 500 µg,
<b>SEQUENCE:</b>	H-His-Ser-Asp-Gly-Ile-Phe-Thr-Asp-Ser-Tyr-Ser-Arg- Tyr-Arg-Lys-Gln-Met-Ala-Val-Lys-Lys-Tyr-Leu-Ala-Ala- Val-Leu-Gly-Lys-Arg-Tyr-Lys-Gln-Arg-Val-Lys-Asn-Lys- NH <sub>2</sub>
<b>MOLECULAR FORMULA:</b>	C <sub>203</sub> H <sub>331</sub> N <sub>63</sub> O <sub>53</sub> S
<b>MOLECULAR WEIGHT:</b>	4534.3
<b>CAS NUMBER:</b>	124123-15-5
<b>APPEARANCE:</b>	Lyophilized solid
<b>SOLUBILITY:</b>	H <sub>2</sub> O
<b>PURITY:</b>	≥95%
<b>STORAGE:</b>	Store at -20 °C. Protect from air and moisture
<b>DESCRIPTION:</b>	PACAP (1-38) is an adenylate cyclase activator. More potent than vasoactive intestinal peptide (VIP).
<b>REFERENCES:</b>	Ogi, K., <i>et al.</i> (1990). <i>Biochem. Biophys. Res. Commun.</i> <b>173</b> , 2171-1279.

**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**  
Forskolin (Cat. No. 1531-5, 25)  
EZSolution™ Forskolin (Cat. No. 2662-5)  
NKH477 (Cat. No. 9427-1,5)  
PACAP (1-38) (Cat. No. B1561-100, 500)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**