

PRODUCT: PACAP (human, chicken, mouse, ovine, porcine, rat) (6-38)**ALTERNATE NAME:** Pituitary Adenylate Cyclase Activating Polypeptide-38 (6-38); FTDSYSRYRKQMAVKKYLA AVLGLKRYKQRVKKNK-NH₂**CATALOG #:** B1562-100, 500**AMOUNT:** 100 µg, 500 µg,**SEQUENCE:** H-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-NH₂**MOLECULAR FORMULA:** C₁₈₂H₁₃₀₀N₅₆O₄₅S**MOLECULAR WEIGHT:** 4024.80**CAS NUMBER:** 143748-18-9**APPEARANCE:** Lyophilized solid**SOLUBILITY:** H₂O (~ 2 mg/ml)**PURITY:** ≥95%**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** PACAP (6-38) is a potent and competitive pituitary adenylate cyclase-activating polypeptide receptor (PAC)₁ antagonist (IC₅₀ = 2 nM). Inhibits PACAP (1-27)-induced stimulation of adenylate cyclase (K_i = 1.5 nM).**REFERENCES:** Leyton J., *et al.* (1998). *Cancer Lett.* **125**, 131-139.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

2',5'-Dideoxy adenosine (Cat. No. 2770-5,25)

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)

PACAP (6-38) (Cat. No. B1562-100, 500)

KH7 (Cat. No. 2350-5, 25)

SQ22536 (Cat. No. 2019-5, 25)

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