PACAP [6-38] Peptide

Subcategory: Synthetic Peptide
Cat. No.: 350321
Unit: 1 mg

Description:
Pituitary adenylate cyclase-activating polypeptide (PACAP) is a 19-kDa prohormone processed into PACAP-related peptide (PRP-48), PACAP-27 and PACAP-38. PACAP stimulates adenylate cyclase in pituitary cells, playing pivotal roles as neurotransmitter and neuromodulator. PACAP belongs to the glucagon family.

Format: Each vial contains 1 mg of lyophilized solid packaged under an inert gas and supplied as a trifluoroacetate salt.

Alternate Names: Pituitary adenylate cyclase-activating polypeptide 27; PACAP-27; PACAP27; Pituitary adenylate cyclase-activating polypeptide 38; PACAP-38; PACAP38; ADCYAP1
Accession No.: P18509

MW: 4024.83 g/mol
Sequence: Human, Ovine, Rat: 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 or H-FTDSYSRYRKQMAVKKYLAAVLGKRYKQRVKNK-NH2
Composition: C182H300N56O45S1
Purity: Purity > 95% by HPLC
Solubility: Distilled water for a solution up to 2 mg/ml, otherwise we recommend using acetonitrile.

Storage: Store at -20°C. The product is hygroscopic and must be protected from light. Product is guaranteed one year from the date of shipment. Following reconstitution, aliquot and store at -20°C.

For research use only, not for diagnostic or therapeutic procedures.