

Rev01
Update: Dec,28,2022

DATASHEET

PACAP-Related Peptide (PRP), human

Cat. No.: RP10341

Overview

Synonyms	PRP
Description	GenScript's high-quality PACAP-related peptide (PRP), a 29 amino-acid region of the PACAP precursor protein, is synthesized in quantities sufficient for biological and structural studies. PRP has a distinct biological activity on the gallbladder that is similar to PACAP but opposite to that of VIP and its related peptide, PHM.
Sequence	{ASP}{VAL}{ALA}{HIS}{GLY}{ILE}{LEU}{ASN}{GLU}{ALA}{TYR}{ARG}{LYS}{VAL}{LEU}{ASP}{GLN}{LEU}{SER}{ALA}{GLY}{LYS}{HIS}{LEU}{GLN}{SER}{LEU}{VAL}{ALA}
Sequence Shortening	DVAHGILNEAYRKVLDQLSAGKHLQSLVA
Molecular Formula	C ₁₃₉ H ₂₂₉ N ₄₁ O ₄₂
Molecular Weight	3146.57

Properties

Purity	> 95%
Solubility	The peptide is soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weigh out a smaller portion of the contents.
Form	Lyophilized
Storage	Store the peptide at -20°C.