

## PACAP-Related Peptide (PRP), human

Cat. No.:	HY-P1511
Molecular Formula:	C <sub>139</sub> H <sub>229</sub> N <sub>41</sub> O <sub>42</sub>
Molecular Weight:	3146.57
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
Target:	PACAP Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	PACAP-Related Peptide (PRP), human is a 29 amino-acid region of the PACAP precursor protein.
In Vitro	PACAP-Related Peptide (PRP) has a distinct biological activity on the gallbladder that is similar to pituitary adenylate cyclase activating polypeptide (PACAP) but opposite to that of vasoactive intestinal polypeptide (VIP); and its related peptide, peptide histidine methionine (PHM) <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. Wray V, et al. Synthesis, solution structure and biological action of PACAP-related peptide. Biomed Pept Proteins Nucleic Acids. 1995;1(2):77-82.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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