

Rev03
 Update: Feb,10,2022

DATASHEET

VIP, human, ovine, porcine, rat

Cat. No.: RP10085

Overview

Description	Peptide VIP is a Neuropeptide that is widely distributed in the central and peripheral nervous systems; Peptide VIP is a vasodilator, bronchodilator and smooth muscle relaxant. Peptide VIP modulates the activity of many immune system cell types. VIP is a mitogen for embryonic sympathetic neurons and its neuroprotective actions are mediated by the release of activity-dependent neurotrophic factors from glial cells.
Cas No	40077-57-4
Sequence	{HIS}{SER}{ASP}{ALA}{VAL}{PHE}{THR}{ASP}{ASN}{TYR}{THR}{ARG}{LEU}{ARG}{LYS}{GLN}{MET}{ALA}{VAL}{LYS}{LYS}{TYR}{LEU}{ASN}{SER}{ILE}{LEU}{ASN}-NH ₂
Sequence Shortening	HSDAVFTDNYTRLRKQMAVKKYLNSILN-NH ₂
Molecular Formula	C ₁₄₇ H ₂₃₈ N ₄₄ O ₄₂ S
C Terminal	NH ₂
Molecular Weight	3325.8

Properties

Purity	> 95%
Solubility	Soluble in water (1 mg/ml), colorless
Form	Lyophilized
Storage	Store at -20°C. Keep tightly closed.

Examples

