

**DATASHEET**

Version: 2016-08-18

**VIP, human, ovine, porcine, rat****Cat. No.:** RP10085-0.5**Size:** 0.5 mg**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**C-Terminal:** NH<sub>2</sub>**Sequence (one-letter code):**HSDAVFTDNYTRLRKQMAVKKYLNSILN-NH<sub>2</sub>**Sequence (three-letter code):**{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<sub>2</sub>**Solubility:** Soluble in water (1 mg/ml), colorless**Formula:** C<sub>147</sub>H<sub>238</sub>N<sub>44</sub>O<sub>42</sub>S**Molecular Weight:** 3,325.8**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed.

**Note:**

\*For Non-Clinical Research Use Only \*

