

## Myomodulin

**Cat. No.:** RP10606-5

**Size:** 5 mg

**Description:**

Myomodulin is present in two identified aplysia neurons that contain myomodulin A the ARC motor neuron B16 and the abdominal neuron L10. Ratios of myomodulin A to myomodulin B are approximately 6:1 in both cells. Like myomodulin A, myomodulin B potentiates ARC neuromuscular activity. It acts postsynaptically, and increases the size and relaxation rate of muscle contractions elicited either by motor neuron stimulation or by direct application of Ach to the ARC.

**Cas No:** 110570-93-9

**C-Terminal:** NH<sub>2</sub>

**Sequence (one-letter code):**

PMSMLRL

**Sequence (three-letter code):**

{PRO}{MET}{SER}{MET}{LEU}{ARG}{LEU}

**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.

**Formula:** C<sub>36</sub>H<sub>67</sub>N<sub>11</sub>O<sub>8</sub>S<sub>2</sub>

**Molecular Weight:** 846.2

**Purity:** > 95%

**Storage:**

Before use, store the peptide in the DRY form at 0°C - 5°C.

For best and repeatable results, rehydrate the peptide immediately before use. Do not re-freeze any unused portions.

**Note:**

\*For Non-Clinical Research Use Only \*

