

Egg Laying Hormone, aplysia**Cat. No.:** RP10583-0.5**Size:** 0.5 mg**Alias:** Aplysia egg laying hormone (ELH)**Description:**

Egg-laying hormone (ELH) is a neuropeptide synthesized by the bag cell neurons, Egg-laying hormone (ELH) induces egg laying and its correlated behavior in *Aplysia californica*. Egg-laying hormone (ELH) has been purified to homogeneity and Egg-laying hormone (ELH)'s primary structure has been determined. Egg-laying hormone (ELH) have 36 amino acid residues with a M_r of 4385 and a calculated isoelectric point of 9.7. Egg Laying Hormone of *Aplysia* induces a voltage-dependent slow inward current carried by Na^+ in an identified motoneuron.

C-Terminal: NH_2 **Sequence (one-letter code):**ISINQDLKAITDMLLTEQIRERQRYLADLRQRILLEK-NH₂**Sequence (three-letter code):**

{ILE}{SER}{ILE}{ASN}{GLN}{ASP}{LEU}{LYS}{ALA}{ILE}{THR}
{ASP}{MET}{LEU}{LEU}{THR}{GLU}{GLN}{ILE}{ARG}{GLU}{A
RG}{GLN}{ARG}{TYR}{LEU}{ALA}{ASP}{LEU}{ARG}{GLN}{AR
G}{LEU}{LEU}{GLU}{LYS}-NH₂

Formula: C₁₉₀H₃₂₉N₅₉O₅₇S₁**Molecular Weight:** 4,384.2**Purity:** > 95%**Storage:**

Store at -20°C. Keep tightly closed. Store in a cool dry place.

Note:

*For Non-Clinical Research Use Only *

