

## Egg Laying Hormone of Aplysia

Catalog #	Source	Reactivity	Applications
CCP1183	Synthetic		
<b>Description</b>	Peptide to Egg Laying Hormone of Aplysia		
<b>Biological Description</b>	The aplysia egg-laying-hormone, a 36 amino acid peptide, acts as a neurotransmitter on cells of the abdominal ganglion, and at the same time diffuses into the hemolymph, where it is dispersed through the organism and acts as a hormone facilitating the exp		
<b>Form</b>	Lyophilized powder		
<b>CAS Number</b>	117680-39-4		
<b>Molecular Formula</b>	C190H329N59O57S		
<b>Molecular Weight</b>	4384.17		
<b>Purity</b>	> 95%		
<b>Chemical Structure</b>	H - Ile - Ser - Ile - Asn - Gln - Asp - Leu - Lys - Ala - Ile - Thr - Asp - Met - Leu - Leu - Thr - Glu - Gln - Ile - Arg - Glu - Arg - Gln - Arg - Tyr - Leu - Ala - Asp - Leu - Arg - Gln - Arg - Leu - Leu - Glu - Lys - NH <sub>2</sub>		
<b>Storage/Stability</b>	Shipped at 4°C. Store at -20°C for one year.		

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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