

**Colivelin****Cat. No.:** RP20167**Size:** 1 mg**Alias:** Colivelin**Description:**

Colivelin is a hybrid peptide synthesized to enhance the neuroprotective effects of humanin (HN). Colivelin is constructed as activity-dependent neurotrophic factor (ADNF) C-terminally fused to AGA-(C8R) HNG17, which is a potent HN derivative. Cell death induced by overexpressed familial Alzheimer's disease (FAD)-causative genes and beta-amyloid (1-43) can be completely suppressed by colivelin. Colivelin administered intraperitoneally suppresses memory impairment and may serve as a novel drug candidate to treat Alzheimer's disease.

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

SALLRSIPAPAGASRLLLLLTGEIDL P

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

{Ser}{Ala}{Leu}{Leu}{Arg}{Ser}{Ile}{Pro}{Ala}{Pro}{Ala}{Gly}{Ala}  
{Ser}{Arg}{Leu}{Leu}{Leu}{Leu}{Thr}{Gly}{Glu}{Ile}{Asp}{Leu}{  
Pro}

**Formula:** C<sub>119</sub>H<sub>206</sub>N<sub>32</sub>O<sub>35</sub>**Molecular Weight:** 2,645.1**Storage:**

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

**Note:**

\*For Non-Clinical Research Use Only \*

