

## Gallin

<b>Cat. No.:</b>	HY-P5624
<b>Molecular Formula:</b>	C <sub>213</sub> H <sub>320</sub> N <sub>54</sub> O <sub>54</sub> S <sub>7</sub>
<b>Molecular Weight:</b>	4725.6
<b>Sequence:</b>	Leu-Val-Leu-Lys-Tyr-Cys-Pro-Lys-Ile-Gly-Tyr-Cys-Ser-Asn-Thr-Cys-Ser-Lys-Thr-Gln-Ile-Trp-Ala-Thr-Ser-His-Gly-Cys-Lys-Met-Tyr-Cys-Cys-Leu-Pro-Ala-Ser-Trp-Lys-Trp-Lys (Disulfide bridge:Cys4-Cys10;Cys5-Cys18)
<b>Sequence Shortening:</b>	LVLKYCPKIGYCSNTCSKTQIWATSHGCKMYCCLPASWKWK (Disulfide bridge:Cys4-Cys10;Cys5-Cys18)
<b>Target:</b>	Bacterial
<b>Pathway:</b>	Anti-infection
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Gallin is an antimicrobial peptide derived from egg whites. Gallin inhibits the growth of Escherischia coli at 0.25 μM concentration<sup>[1]</sup>.

### REFERENCES

[1]. Gong D, et al. Gallin; an antimicrobial peptide member of a new avian defensin family, the ovodefensins, has been subject to recent gene duplication. BMC Immunol. 2010 Mar 12;11:12.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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