

## Glycocin F

<b>Cat. No.:</b>	HY-P5747
<b>Molecular Formula:</b>	C <sub>226</sub> H <sub>315</sub> N <sub>57</sub> O <sub>72</sub> S <sub>7</sub>
<b>Molecular Weight:</b>	5206.71
<b>Sequence:</b>	Lys-Pro-Ala-Trp-Cys-Trp-Tyr-Thr-Leu-Ala-Met-Cys-Gly-Ala-Gly-Tyr-Asp-{Ser(O-GlcNAc)}-Gly-Thr-Cys-Asp-Tyr-Met-Tyr-Ser-His-Cys-Phe-Gly-Ile-Lys-His-His-Ser-Ser-Gly-Ser-[Cys(S-HexNAc)]
<b>Sequence Shortening:</b>	KPAWCWYTLAMCGAGYD-{Ser(O-GlcNAc)}-GTCDYMYSHCFGIKHHSSGSSSYH-[Cys(S-HexNAc)]
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	Glycocin F is a antimicrobial peptide with activity against <i>L. plantarum</i> <sup>[1]</sup> .
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### REFERENCES

[1]. Stepper J, et al. Cysteine S-glycosylation, a new post-translational modification found in glycopeptide bacteriocins. FEBS Lett. 2011 Feb 18;585(4):645-50.

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

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