

[His1,Nle27] GHRF (1-32), amide, human

Cat. No.:	HY-P3594
CAS No.:	94034-78-3
Molecular Formula:	C ₁₅₉ H ₂₆₅ N ₅₁ O ₄₆
Molecular Weight:	3627.12
Sequence Shortening:	HADAIFTNSYRKVLGQLSARKLLQDI-{Nle}-SRQQG-NH2
Target:	GHSR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	[His1,Nle27] GHRF (1-32), amide, human is a Growth hormone releasing hormone (GHRH) analog. [His1,Nle27] GHRF (1-32), amide, human has great receptor affinity for GHRHR ^[1] .								
In Vitro	<p>[His1,Nle27] GHRF (1-32), amide, human (100 nM, 30 min) increases levels of c-fos and steel factor in Sertoli cell^[1]. MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> <p>RT-PCR^[1]</p> <table border="1"> <tr> <td>Cell Line:</td> <td>Sertoli cell</td> </tr> <tr> <td>Concentration:</td> <td>100 nM</td> </tr> <tr> <td>Incubation Time:</td> <td>30 min</td> </tr> <tr> <td>Result:</td> <td>Increased c-fos mRNA expression by 20 min, and increased SCF transcript.</td> </tr> </table>	Cell Line:	Sertoli cell	Concentration:	100 nM	Incubation Time:	30 min	Result:	Increased c-fos mRNA expression by 20 min, and increased SCF transcript.
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REFERENCES

[1]. Srivastava CH, et al. A new target for growth hormone releasing-hormone action in rat: the Sertoli cell. *Endocrinology*. 1993 Sep;133(3):1478-81.

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

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