

GHRF, mouse

Cat. No.:	HY-P3596
CAS No.:	125199-49-7
Molecular Formula:	C ₂₂₀ H ₃₆₅ N ₆₉ O ₆₄ S
Molecular Weight:	5032.74
Sequence Shortening:	HVDAIFTTNYRKLLSQLYARKVIQDIMNKQGERIQEQRARLS
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	GHRF, mouse, a mouse growth hormone-releasing factor, is a peptide containing 44 amino acids. GHRF, mouse stimulates the release and synthesis of growth hormone ^[1] .	
In Vivo	GHRF, mouse (40 µg/kg, IP, once) significantly increases the GH levels in LI-IGF-I ^{-/-} mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	
	Animal Model:	LI-IGF-I ^{-/-} mice (4 weeks, male and female) ^[1]
	Dosage:	40 µg/kg
	Administration:	IP, once
	Result:	The GH levels were significantly higher in LI-IGF-I ^{-/-} mice, compared with control mice.

REFERENCES

[1]. Wallenius K, et al. Liver-derived IGF-I regulates GH secretion at the pituitary level in mice. *Endocrinology*. 2001 Nov;142(11):4762-70.

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

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