

Adrenocorticotrophic hormone

Cat. No.:	HY-106373
CAS No.:	9002-60-2
Molecular Formula:	C ₂₀₇ H ₃₀₈ N ₅₆ O ₅₈ S
Molecular Weight:	4541.14
Sequence:	Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-Asn-Gly-Ala-Glu-Asp-Glu-Ser-Ala-Glu-Ala-Phe-Pro-Leu-Glu-Phe
Sequence Shortening:	SYSMEHFRWGKPVGKKRRPVKVYPNGAEDESAEAFPLEF
Target:	Androgen Receptor
Pathway:	Vitamin D Related/Nuclear Receptor
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Adrenocorticotrophic hormone (ACTH) is a polypeptide tropic hormone produced by the anterior pituitary gland. Adrenocorticotrophic hormone regulates cortisol and androgen production^{[1][2]}.

REFERENCES

[1]. Hounbadji MST, et al. Syndrome de résistance à l'Adrenocorticotrophine Hormone (ACTH): à propos d'un cas [Adrenocorticotrophic hormone (ACTH) insensitivity syndrome: about a case]. Pan Afr Med J. 2018 Aug 2;30:244. French.

[2]. Campbell I, et al. The effect of adrenocorticotrophic hormone on the yield, composition and butterfat properties of cow's milk. Journal of Dairy Research. 1964, 31(1), 71-79.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA