

Proinsulin C-peptide (human)

Cat. No.:	HY-P1856
CAS No.:	33017-11-7
Molecular Formula:	C ₁₂₉ H ₂₁₁ N ₃₅ O ₄₈
Molecular Weight:	3020.26
Sequence:	Glu-Ala-Glu-Asp-Leu-Gln-Val-Gly-Gln-Val-Glu-Leu-Gly-Gly-Gly-Pro-Gly-Ala-Gly-Ser-Leu -Gln-Pro-Leu-Ala-Leu-Glu-Gly-Ser-Leu-Gln
Sequence Shortening:	EAEDLQVGQVELGGGPGAGSLQPLALEGSLQ
Target:	Others
Pathway:	Others
Storage:	Sealed storage, away from moisture and light, under nitrogen Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light, under nitrogen)

BIOLOGICAL ACTIVITY

Description

Proinsulin C-peptide (human) is a 31-amino-acid peptide that links the A and B chains of proinsulin, ensuring its correct folding, which is biologically active and modulates cellular function [1].

REFERENCES

[1]. R. S. Mughal, et al. Cellular mechanisms by which proinsulin C-peptide prevents insulin-induced neointima formation in human saphenous vein. *Diabetologia*. 2010 Aug;53(8):1761-71.

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