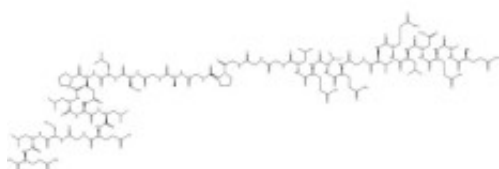


C-peptide(57-87), human

Product Code: TDP-2505

Price: \$299.00



Description

C-peptide is produced when proinsulin is cleaved by proteases, resulting in the formation of insulin and C-peptide. It is stored in secretory granules and released into the bloodstream in equimolar amounts with insulin. Measuring C-peptide is crucial for assessing beta-cell function. Clinical studies have shown that administering C-peptide to type 1 diabetes patients, who lack this peptide, can alleviate diabetes-induced renal and nerve dysfunctions.

Specification

Chemical	
CAS #	33017-11-7
Form	Lyophilized
Molecular Formula	C129H211N35O48
Molecular Weight	3020.3
Purity	>95% by HPLC
Reconstitution	Reconstitute with PBS or H2O to desired concentration. Due to the nature of this peptide, it is recommended to first mix with 10 ul of DMSO.
Sequence	EAEDLQVGQVELGGGPGAGSLQPLALEGSLQ-OH
Solubility	Soluble in water
Shipping and Handling	
Storage Condition	Store at -20°C