

C-Peptide Recombinant Protein

C-Peptide Protein (Active)

CATALOG # AAA59091	HOST E Coli	APPLICATIONS ELISA
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PRODUCT SYNONYMS

C-Peptide; C-Peptide Protein (Active); C-peptide; Connecting peptide; C-Peptide recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>95% by HPLC & SDS-PAGE
Form/Format	Liquid
Concentration	1mg/ml (varies by lot)
Applicable Applications for C-Peptide recombinant protein	ELISA
Preparation and Storage	Ship at 4 degree C. Upon receipt, aliquot and store at -20 degree C or -80 degree C for long term. Avoid repeated freeze and thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for C-Peptide recombinant protein	Background/Introduction: Connecting peptide, or C-peptide, is a short 31-amino-acid protein that connects insulin's A-chain to its B-chain in the proinsulin molecule. C-peptide has been shown to bind to the surface of a number of cell types such as neuronal, endothelial, fibroblast and renal tubular, at nanomolar concentrations to a receptor that is likely G-protein-coupled. It has been found to exert beneficial effects in many tissues affected by diabetic microvascular complications, including the kidneys. C-peptide at physiological concentrations effectively reduces diabetes-induced glomerular hyperfiltration via constriction of the afferent arteriole, dilation of the efferent arteriole, and inhibition of tubular reabsorption in experimental models of type 1 diabetes.
References	1. Nordquist L, Wahren J (2009). "C-Peptide: the missing link in diabetic nephropathy?". Rev Diabet Stud 6 (3): 203-10.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/c-peptide-recombinant-protein-e-coli-elisa/59091>