

Datasheet: 7750-0502

Description:	SYNTHETIC HUMAN C-PEPTIDE
Name:	C-PEPTIDE
Format:	Purified
Product Type:	Purified Protein
Quantity:	0.5 mg

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
ELISA	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

Target Species	Human
Product Form	Purified synthetic peptide - lyophilised
Reconstitution	Reconstitute with 0.5ml distilled water Care should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. Bio-Rad recommend that the vial is gently mixed after reconstitution.
Preparation	Solid phase synthesis
Buffer Solution	Acetate salt
Preservative Stabilisers	None present
External Database Links	<p>UniProt: P01308 Related reagents</p> <p>Entrez Gene: 3630 INS Related reagents</p>

Product Information **Synthetic C-peptide** is a synthetic peptide corresponding to amino acids 3-33 of Human C-peptide, also known as 'Connecting peptide'.

C-peptide is the product of protease cleavage of proinsulin to produce insulin. Both Insulin and C-peptide are biologically active.

Protein Molecular Weight	3.02 kDa
Purity	HPLC: >95%
Amino Acid Sequence	EAEDLQVGQVELGGGPGAGSLQPLALEGSLQ
Storage	Prior to reconstitution store at +4°C. After reconstitution store at -20°C. Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.
Shelf Life	6 months from date of reconstitution.
Health And Safety Information	Material Safety Datasheet documentation available at: Material Safety Datasheet Documentation #10165 available at: https://www.bio-rad-antibodies.com/uploads/MSDS/10165.pdf
Regulatory	For research purposes only

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