

Datasheet: 7750-0502

**BATCH NUMBER 152640**

<b>Description:</b>	SYNTHETIC HUMAN C-PEPTIDE
<b>Name:</b>	C-PEPTIDE
<b>Format:</b>	Purified
<b>Product Type:</b>	Purified Protein
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Human
<b>Product Form</b>	Purified synthetic peptide - lyophilized
<b>Reconstitution</b>	Reconstitute with 0.5 ml 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.
<b>Preparation</b>	Solid phase synthesis
<b>Buffer Solution</b>	Acetate salt
<b>Preservative Stabilisers</b>	None present

### External Database Links

**UniProt:**

[P01308](#)

[Related reagents](#)

**Entrez Gene:**

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**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.

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**Protein Molecular Weight** 3.02 kDa

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**Purity** HPLC: >95%

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**Amino Acid Sequence** EAEDLQVGQVELGGGPGAGSLQPLALEGSLQ

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**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.

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**Guarantee** 6 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10165 available at:  
<https://www.bio-rad-antibodies.com/SDS/7750-0502>  
10165

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**Regulatory** For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)

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