

## Recombinant Bovine BTC

<b>Catalog No.</b>	CSI10548 CSI10549 CSI10550	<b>Quantity:</b>	5 µg 20 µg 1.0 mg
<b>Alternate Names:</b>	Betacellulin, Bcn		
<b>Description:</b>	Recombinant Bovine Betacellulin is a single, non-glycosylated, polypeptide chain containing 80 amino acids.		
<b>GeneID:</b>	280737		
<b>Protein Accession No:</b>	NP_776321		
<b>Source:</b>	<i>E. coli</i>		
<b>Molecular Weight:</b>	9.0 kDa		
<b>Formulation:</b>	Lyophilized after extensive dialysis against 50 mM acetic acid		
<b>Purity:</b>	> 95.0% as determined by RP-HPLC and SDS-PAGE analyses		
<b>Endotoxin Level:</b>	< 0.1 ng/µg of BTC		
<b>Biological Activity:</b>	Determined by the dose-dependant proliferation of mouse BALB\3T3 cells (measured by 3H-thymidine uptake). The ED <sub>50</sub> is < 10.0 ng/ml.		
<b>Amino Acid Sequence:</b>	The sequence of the first five N-terminal amino acids is Asp-Gly-Asn-Ser-Thr.		
<b>Reconstitution:</b>	<b>Centrifuge vial prior to opening.</b> First add sterile distilled water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.		
<b>Storage &amp; Stability:</b>	Store lyophilized protein at -20°C to -80°C. Reconstituted protein is stable for 1 week at 2 -4°C. For long term storage, aliquot and store at -20°C to -80°C with a carrier protein (0.1% HSA or BSA) as a stabilizer. <b>Please note that the addition of any carrier protein into this product may produce unwanted endotoxin. This depends upon the particular application employed. Avoid repeated freeze-thaw cycles.</b>		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.



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