# BTC (Human) Recombinant Protein

Catalog # P8498 Size 2 x 10 ug

## Specification

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| **Product Description** | Human BTC (P35070, 32 a.a. - 111 a.a) partial-length recombinant protein with His-tag at N-terminal expressed in *Escherichia coli*. |
| **Sequence** | MGSSHHHHHHSSGLVPRGSHMDGNSTRSPETNGLLCGDPEENCAATTTQSKRKGHFSRCPKQY KHYCIKGRCRFVVAEQTPSCVCDEGYIGARCERVDLFY. |
| **Host** | Escherichia coli |
| **Theoretical MW (kDa)** | 11.3 |
| **Form** | Liquid |
| **Preparation Method** | *Escherichia coli* expression system |
| **Purity** | > 90% by SDS-PAGE |
| **Storage Buffer** | The BTC solution (0.25mg/mL) contains 20mM Tris-HCl buffer (pH 8.0), 5mM DTT, 0.2M NaCl and 2 0% glycerol. |
| **Storage Instruction** | Store at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. |

## Applications

- SDS-PAGE

## Gene Info — BTC

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| **Entrez GeneID** | 685 |
| **Protein Accession#** | P35070 |
| **Gene Name** | BTC |

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|---|---|
| **Gene Alias** | - |
| **Gene Description** | betacellulin |
| **Omim ID** | 600345 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene is a member of the EGF family of growth factors. It is synthesized primarily as a transmembrane precursor, which is then processed to mature molecule by proteolytic events. This protein is a ligand for the EGF receptor. [provided by RefSeq |
| **Other Designations** | OTTHUMP00000160600 |

## Pathway

- ErbB signaling pathway

## Disease

- Diabetes Mellitus
- Genetic Predisposition to Disease
- Obesity

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