



Recombinant Mouse BTC Protein Product Manual

1. Product Basic Information

Product No.: REP06275

Protein Name: BTC

Aliases: betacellulin

UniProt ID: P35070

UniProt Link: <https://www.uniprot.org/uniprotkb/P35070/entry>

Species Source: Mus musculus (Mouse)

Expression System: Yeast

Protein Length: Partial (32-111aa)

Molecular Weight: 11.1 kDa

Protein Tag: C-terminal 10xHis-tagged

2. Amino Acid Sequence (32-111aa)

DGNTTRTPETNGSLCGAPGENCTGTTTPRQKVKTHFSRCPKQYKHYCIHGRCRFVV
DEQTPSCICEKGYFGARCERVDLFY

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Mouse BTC partial protein (32-111aa) expressed in Yeast. The protein is with 10xHis tag at the C-terminus, which facilitates protein purification, detection and identification. BTC, also known as betacellulin, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.