10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

BTC, human recombinant protein

Betacellulin, BTC
Catalog # PBV10460r

Specification

BTC, human recombinant protein - Product info

Primary Accession	P35070
Calculated MW	**9.0 kDa KDa**

BTC, human recombinant protein - Additional Info

Gene ID	**685**
Gene Symbol	**BTC**
Other Names	
Betacellulin, BTC, Probetacellulin	
Gene Source	**Human**
Source	**E. coli**
Assay&Purity	**SDS-PAGE; ≥97%**
Assay2&Purity2	**HPLC; ≥97%**
Recombinant	**Yes**
Sequence	**DGNSTRSPETNGLLCGDPEENCAATTTQSKRK GHFSRCPKQYKHYCIKGRCRFVVA EQTPSCVCDEGYIGARCERVDLFY**

Application Notes
Centrifuge the vial prior to opening. Reconstitute in sterile distilled H_2O to a concentration ≥ 100 µg/ml. This solution can then be diluted into other aqueous buffers.

Format
Lyophilized protein

Storage
-20°C; Lyophilized after extensive dialysis against 20 mM phosphate buffer, pH 7.4.

BTC, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

BTC, human recombinant protein - Images

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BTC, human recombinant protein - Background

Human Betacellulin (BTC) is a potent mitogen for retinal pigment epithelial cells and vascular smooth muscle cells. The effects of betacellulin are probably mediated by the egf receptor and other related receptors. Human Recombinant BTC produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 80 amino acids and having a molecular mass of 9 kDa. BTC was purified by proprietary chromatographic techniques.