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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.