9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

BTC Mouse

Betacellulin Mouse Recombinant
CYK0107

Product Overview

Name	BTC Mouse

Description

Betacellulin Mouse Recombinant

Accession (Primary)	Q05928

Synonyms

Betacellulin, Probetacellulin.

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation

Lyophilized from a 0.2 μm filtered concentrated solution in 1×PBS, pH 7.4.

Stability

Lyophilized BTC although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BTC should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Purity

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Amino acid sequence

DGNTTRTPET NGSLCGAPGE NCTGTTPRQK VKTHFSRCPK QYKHYCIHGR CRFVVDEQTP SCICEKGYFG ARCERVDLFY

Biological Activity

Solubility

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It is recommended to reconstitute the lyophilized BTC Mouse Recombinant in sterile 18M-cm H 2 O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Precautions

BTC Mouse is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q05928)