

Product Information

MemDX™ Membrane Protein Human BTC (Betacellulin) Expressed in Yeast with 6xHis tag at the N-terminus for Antibody Discovery, Partial (32-178aa)

Cat. No.: **MPX4347K**

This product is for research use only and is not intended for diagnostic use.

This product is a 18.6kDa Human BTC membrane protein expressed in Yeast. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

BTC

Protein Length

Partial (32-178aa)

Protein Class

Growth factor

Molecular Weight

18.6kDa

TMD

1

Sequence

DGNSTRSPETNGLLCGDPEENCAATTTQSKRKGHFSSRCPKQYKHYCIKGRCRFVVAEQTPSCVCDEGYIGARCERVDLFYLRGDF

Product Description

Expression Systems

Yeast

Tag

6xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target**Target Protein**

BTC

Full Name

Betacellulin

Introduction

This gene encodes a member of the epidermal growth factor (EGF) family of proteins. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed to generate the secreted growth factor. A secreted form and a membrane-anchored form of this protein bind to multiple different EGF receptors. This protein promotes pancreatic cell proliferation and insulin secretion, as well as retinal vascular permeability. Mutations in this gene may be associated with type 2 diabetes in human patients.

Alternative Names

BTC; probetacellulin; Betacellulin

Gene ID

[685](#)

UniProt ID

[P35070](#)