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32-18176: Recombinant Human BTC Protein, hFc Tag

Uniprot ID : P35070
Alternative Name : Betacellulin

Description

Molecular Characterization: BTC(Asp32-Tyr111) hFc(Glu99-Ala330)
Molecular weight: The protein has a predicted molecular mass of 35.1 kDa after removal of the signal peptide. The apparent molecular mass of BTC-hFc is approximately 35-70 kDa due to glycosylation.
Description: Recombinant Human BTC Protein with C-terminal human Fc tag
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.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.