

[Go to Product page](#)

Datasheet for ABIN7504244

**Betacellulin Protein (BTC) (AA 32-118) (Fc Tag)**

## Overview

Quantity:	100 µg
Target:	Betacellulin (BTC)
Protein Characteristics:	AA 32-118
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Betacellulin protein is labelled with Fc Tag.

## Product Details

Purpose:	Human Betacellulin Protein
Sequence:	Asp32-Gln118
Characteristics:	Recombinant Human Betacellulin Protein is expressed from HEK293 with hFc tag at the C-Terminus. It contains Asp32-Gln118.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	Betacellulin (BTC)
Alternative Name:	Betacellulin ( <a href="#">BTC Products</a> )

## Target Details

Background:	Betacellulin (BTC) belongs to the epidermal growth factor (EGF) family of peptide ligands that are characterised by a six-cysteine consensus motif that forms three intra-molecular disulfide bonds crucial for binding the ErbB receptor family.
Molecular Weight:	36.52 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">P35070</a>
Pathways:	<a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling Pathway</a> , <a href="#">Neurotrophin Signaling Pathway</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22 µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt., -80°C for 3-6 months after reconstitution., 2-8°C for 2-7 days after reconstitution., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months