

## Recombinant Human BTC, LEVLFQ tagged

Cat. No. BTC-268H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human BTC (P35070) (Met1-Tyr111), fused with six amino acids (LEVLFQ) at the C-terminus, was produced in Human Cells.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	1-111 a.a.
<b>Predicted N Terminal</b>	Asp 32
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant human BTC comprises 87 amino acids and has a predicted molecular mass of 9.8 kDa. The apparent molecular mass of the protein is approximately 24 kDa in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 eu per µg of the protein as determined by the LAL method.
<b>Purity</b>	>90 % as determined by SDS-PAGE
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70oC.
<b>Storage</b>	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

**GENE INFORMATION**

**Gene Name** BTC betacellulin [ Homo sapiens ]

**Official Symbol** BTC

**Gene ID** 685

**mRNA Refseq** NM\_001729

**Protein Refseq** NP\_001720

**MIM** 600345

**UniProt ID** P35070

**Chromosome Location** 4q13-q21

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