

## Recombinant Rat Btc Protein, His-tagged

**Cat. No.** Btc-330R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Btc Protein (Asp32-Gln118) with N-His tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asp32-Gln118
<b>Description</b>	Enables epidermal growth factor receptor binding activity and growth factor activity. Involved in several processes, including positive regulation of fibroblast proliferation; positive regulation of mitotic nuclear division; and positive regulation of urine volume. Predicted to be integral component of membrane. Predicted to be active in extracellular space. Biomarker of otitis media. Human ortholog(s) of this gene implicated in type 1 diabetes mellitus and type 2 diabetes mellitus. Orthologous to human BTC (betacellulin).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 13.6 kDa Accurate Molecular Mass: 16 kDa
<b>Purity</b>	> 90%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
<b>Storage Buffer</b>	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
<b>Reconstitution</b>	Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

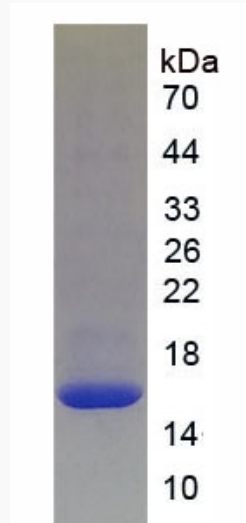
## GENE INFORMATION

<b>Gene Name</b>	Btc betacellulin [ <i>Rattus norvegicus</i> (Norway rat) ]
<b>Official Symbol</b>	Btc
<b>Synonyms</b>	BTC; betacellulin; probetacellulin
<b>Gene ID</b>	64022
<b>mRNA Refseq</b>	NM_022256
<b>Protein Refseq</b>	NP_071592
<b>UniProt ID</b>	Q9JJM4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA