

**BTC, 32-111aa, Human, His tag, E.coli**

**Cat.NO.: TP01372**

3th Edition

**Synonyms:**Betacellulin, probetacellulin precursor.

**Description:**BTC (Betacellulin) is a member of the EGF family of growth factors and contains 1 EGF-like domain. It is synthesized primarily as a transmembrane precursor, which is then processed to mature molecule by proteolytic events. This protein is a ligand for the EGF receptor.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 5mM DTT, 20% glycerol, 200mM NaCl

**Molecular Weight:**11.3kD (101aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMDGNSTRSPETNGLLCGDPEENCAATTTQSKRKGHFRCRCPKQYKHYCIKGRRCR  
FVVAEQTPSCVCDEGYIGARCERVDLFY

**Purity:**> 95% by HPLC

**Concentration:**0.25mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.