

Recombinant Mouse Probetacellulin (Btc), N-His

Cat. No.: AP4C107

Product Type: Animal Proteins

Size: 10 µg; 50 µg; 200 µg; 1 mg; 5 mg

Product Overview

BioVenic's Recombinant Mouse Probetacellulin (Btc), N-His is a recombinant protein expressed from *E.coli*. Its predicted molecular weight is 11.4 kDa. The purity is >90%.

Specifications

Type	Recombinant Protein
Species	Mouse
Expression System	<i>E.coli</i>
Purity	>90%
Endotoxin	< 1.0 EU/µg
Predicted Molecular Weight	11.4 kDa
Physical State	Lyophilized
Formulation	20 mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Target Information

Mouse Probetacellulin (BTC) is a growth factor that belongs to the epidermal growth factor (EGF) family. It binds to the EGF receptor, activating signaling pathways such as MAPK and PI3K/Akt. BTC plays a role in cell proliferation, differentiation, and survival. It is involved in tissue repair and regeneration and has been implicated in diseases such as cancer.

Protein	Mouse Probetacellulin (Btc)
Protein Synonym	Btc; Bcn
Gene ID	12223
EC No.	Q05928

Shipping and Storage

This product is shipped with ice packs. Lyophilized protein can be stored at -80°C for 1 year. After reconstitution, the protein solution can be stored at 2-8°C for 2-7 days.

User Note

Always centrifuge tubes before opening. Avoid mixing by vortexing or pipetting. Reconstitute in 20 mM Tris, 150 mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Aliquot the reconstituted solution to minimize freeze-thaw cycles.

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.