

Mouse BTC Recombinant Protein



RPPB5725

Product Information Protein Information

Product SKU:

RPPB5725

Accession:

Q05928

Host:

Escherichia Coli.

Protein description:

BTC Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 80 amino acids and having a molecular mass of 9.0kDa. The BTC is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Betacellulin, Probetacellulin.

Formulation:

Lyophilized from a 0.2µm filtered concentrated solution in 1×PBS, pH 7.4.

Purity:

Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized BTC Mouse Recombinant in sterile 18M-cm H₂O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized BTC although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution BTC should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

Amino Acid Sequence:

DGNTTRTPET NGS LCGAPGE NCTGTPRQK VKTHFSRCPK QYKHYCIHGR CRFVVDEQTP SCICEKGYFG
ARCERVDLFY

Biological Activity:

The ED₅₀ was determined by the dose-dependent stimulation of the proliferation of mouse Balb/3T3 cells is < 0.01 ng/ml, corresponding to a Specific Activity of > 1.0×10⁸ IU/mg.