9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

BTC Human, HEK

Betacellulin Human Recombinant, HEK
CYK0106

Product Overview

Name	BTC Human, HEK
Description	
Betacellulin Human Recombinant, HEK	
Accession (Primary)	P35070
Synonyms	
Betacellulin isoform 1, Probetacellulin, Betacellulin, BTC	
Introduction	
BTC is a potent mitogen for retinal pigment epithelial cells and vascular smooth muscle cells. The effects of betacellulin are mediated by the EGF receptor and other related receptors.	
Source	
HEK293 cells.	
Physical Appearance	
Sterile filtered colorless solution.	
Formulation	
BTC protein (0.25mg/ml) contains 10% glycerol and Phosphate-Buffered Saline (pH 7.4).	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 95.0% as determined by SDS-PAGE.	
Amino acid sequence	
DGNSTRSPET NGLLCGDPEE NCAATTTQSK RKGHFSRCPK QYKHYCIKGR CRFVVAEQTP SCVCDEGYIG ARCERVDLFY HHHHHH	
Biological Activity	
ED50 range is ≤ 0.5ng/ml. It is measured by cell proliferation assay using Balb/3T3 mouse embryonic fibroblast cells.	
Precautions	
BTC Human, HEK is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P35070)