

Recombinant Human Probetacellulin [Cleaved into: Betacellulin protein(BTC)]

Catalog No: #AP70089

Package Size: #AP70089-1 20ug #AP70089-2 100ug #AP70089-3 1mg

Description

Product Name	Recombinant Human Probetacellulin [Cleaved into: Betacellulin protein(BTC)]
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:32-178aaSequence Info:Full Length
Accession No.	P35070
Calculated MW	43.6 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	DGNSTRSPETNGLLCGDPEENCAATTTQSKRKGHFSPCKQYKHYCIKGRCRFVVAEQTPSCVCDEGYIGAR CERVDLFYLRGDRGQILVICLIAMVVFIILVIGVCTCCHPLRKRKRKKKEEEMETLGKDITPINEDIEETNIA
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Growth factor that binds to EGFR, ERBB4 and other EGF receptor family mbers. Potent mitogen for retinal pigment epithelial cells and vascular smooth muscle cells.

References

Solution structure of betacellulin, a new member of EGF-family ligands.Miura K., Doura H., Aizawa T., Tada H., Seno M., Yamada H., Kawano K.Biochem. Biophys. Res. Commun. 294:1040-1046(2002) Research Topic:Signal Transduction

Note: This product is for in vitro research use only and is not intended for use in humans or animals.