

## Recombinant Human Probetacellulin

Catalog No: #AP72459



Package Size: #AP72459-1 20ug #AP72459-2 100ug #AP72459-3 1mg

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## Description

|                       |   |
|-----------------------|---|
| Product Name          | Recombinant Human Probetacellulin   |
| Brief Description     | Recombinant Protein   |
| Host Species          | Yeast   |
| Purification          | Greater than 90% as determined by SDS-PAGE.   |
| Immunogen Description | Expression Region:32-178aaSequence Info:Full Length   |
| Accession No.         | P35070  |
| Uniprot               | P35070  |
| GeneID                | 685;  |
| Calculated MW         | 18.6 kDa  |
| Tag Info              | N-terminal 6xHis-tagged   |
| Target Sequence       | DGNSTRSPETNGLLCGDPEENCAATTTQSKRKGHFSRCPKQYKHYCIKGRCRFVVAEQTPSCVCDEGYIGAR<br>CERVDLFYLRGDRGQILVICLIAVMVVFILVIGVCTCCHPLRKRKRKKKEEMETLGKDITPINEDIEETNIA  |
| 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.<br><br>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

Cloning and expression of cDNA encoding human betacellulin, a new member of the EGF family.Sasada R., Ono Y., Taniyama Y., Shing Y., Folkman J., Igarashi K.Biochem. Biophys. Res. Commun. 190:1173-1179(1993)Research Topic:Signal Transduction

Note: This product is for in vitro research use only