

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Amylin (H28) Peptide

Cat No.: BS1381P

Background

Adrenomedullin (AM), alpha- and beta-calcitonin gene-related peptide (CGRP), calcitonin (CT), and amylin are homologous polypeptides with overlapping biological actions such as vasodilatation and inhibition of bone resorption. Amylin (Islet/insulinoma amyloid polypeptide or IAPP) is a 37-amino acid monomeric polypeptide isolated from pancreatic amyloid. This protein, with a calculated molecular mass of 4 kDa, is a major component of amyloid-rich pancreatic extracts of three type 2 diabetic patients. IAPP has cysteine residues in positions 2 and 7, a feature found in all known calcitonin gene-related peptides. IAPP shows 46% amino acid sequence homology with CGRP II. Since IAPP has been demonstrated immunochemically in normal beta cells of several mammals, it probably has an important role in respect to pancreatic islet function.

Swiss-Prot

P10997

Applications

Blocking

Specificity

This peptide can be used with studies using BS1381 Amylin (H28) pAb.

Purification & Purity

Synthetic peptide Amylin (H28). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.