

Amylin (8-37), rat Synthetic Peptide Catalog # SP2533a

### **Specification**

## Amylin (8-37), rat - Product Information

Primary Accession Sequence P12969 NH2-ATQRLANFLVRSSNNLGPVLPPTNVGSNT Y-CONH2

## Amylin (8-37), rat - Additional Information

**Gene ID 24476** 

### **Other Names**

Islet amyloid polypeptide, Amylin, Diabetes-associated peptide, DAP, lapp

#### **Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

### **Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

## Amylin (8-37), rat - Protein Information

Name lapp {ECO:0000312|RGD:2854}

### **Function**

Amylin/IAPP is a glucoregulatory peptide hormone that plays an important role in the regulation of energy homeostasis (By similarity). Selectively inhibits insulin-stimulated glucose utilization and glycogen deposition in muscle, while not affecting adipocyte glucose metabolism. IAPP function is mediated by the CALCR- RAMPs (AMYRs) receptor complexes (PubMed:<a href="http://www.uniprot.org/citations/35324283" target="\_blank">35324283</a>). Amylin can also bind CALCR receptor in the absence of RAMPs, although it is more selective for AMYRs (PubMed:<a href="http://www.uniprot.org/citations/35324283" target=" blank">35324283</a>).

### **Cellular Location**

Secreted {ECO:0000250|UniProtKB:P10997}.

### **Tissue Location**

Abundant in the islets of Langerhans but is not present in the brain or seven other tissues examined

# Amylin (8-37), rat - Images



