

## Datasheet for ABIN7318863 **PPY Protein (His tag)**

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### Overview

Quantity:	50 µg
Target:	PPY
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PPY protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human PPY Protein (His Tag)
Sequence:	Ala30-Arg88
Characteristics:	Recombinant Human Pancreatic Polypeptide is produced by our Mammalian expression system and the target gene encoding Ala30-Arg88 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	PPY
Alternative Name:	PPY ( <a href="#">PPY Products</a> )
Background:	Background: PPY belongs to the NPY family and is synthesized as a 95 aa polypeptide precursor in the pancreatic islets of Langerhans. It is cleaved into two peptide products, the

## Target Details

active hormone of 36 aa and an icosapeptide of unknown function. The hormone acts as a regulator of pancreatic and gastrointestinal functions and may be important in the regulation of food intake. Plasma level of this hormone has been shown to be reduced in conditions associated with increased food intake and elevated in anorexia nervosa.

Synonym: Pancreatic prohormone,Pancreatic polypeptide,PNP,PPY

Molecular Weight: 7.8 kDa

UniProt: [P01298](#)

Pathways: [Feeding Behaviour](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.