

## Recombinant Human PPY (C-6His)

Catalog No: CI10

Description 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.

Source Human Cells

Alternative name Pancreatic prohormone; Pancreatic polypeptide; PNP; PPY

Accession No. P01298

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

Quality Control Purity: Greater than 90% as determined by reducing SDS-PAGE.

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Shipping** The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

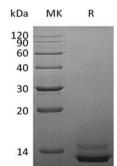
Storage Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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 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.



**SDS-Page** 

**Background** 

