

## Recombinant Full Length Human PYY Protein, GST tagged

Cat. No. PYY-29935TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Peptide YY with N terminal proprietary tag; Predicted MWt 36.74 kDa.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>ProteinLength</b>	1-97 a.a.
<b>Description</b>	The protein encoded by this gene is proteolytically processed to release a peptide that inhibits pancreatic secretion and mobility in the gut. Rare variations in this gene could increase susceptibility to obesity.
<b>Molecular Weight</b>	36.740kDa inclusive of tags
<b>Form</b>	Liquid
<b>Purity</b>	Proprietary Purification
<b>Storage buffer</b>	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
<b>Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
<b>Sequences of amino</b>	MVFVRRPWPALTTVLLALLVCLGALVDAYPIKPEAPGEDASPEELNRYASLRHYLN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**acids** LVTRQRYGKRDGPDRLLSKTFFPDGEDRPVRSRSEGPDLW

**Sequence Similarities** Belongs to the NPY family.

## GENE INFORMATION

**Gene Name** [PYY peptide YY \[ Homo sapiens \]](#)

**Official Symbol** [PYY](#)

**Synonyms** PYY; peptide YY; PYY1;

**Gene ID** [5697](#)

**mRNA Refseq** [NM\\_004160](#)

**Protein Refseq** [NP\\_004151](#)

**Uniprot ID** [P10082](#)

**Chromosome Location** 17q21.1

**Pathway** Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (i) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Peptide ligand-binding receptors, organism-specific biosystem;

**Function** hormone activity; neuropeptide hormone activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA