

## Recombinant Human PYY, His-tagged

Cat. No. PYY-2088H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PYY protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	29-97aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	PYY peptide YY [ Homo sapiens ]
<b>Official Symbol</b>	PYY
<b>Synonyms</b>	PYY; peptide YY; PYY1; PYY-I; peptide tyrosine tyrosine;
<b>Gene ID</b>	5697

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<b>mRNA Refseq</b>	NM_004160
<b>Protein Refseq</b>	NP_004151
<b>UniProt ID</b>	P10082
<b>Chromosome Location</b>	17q21.1
<b>Pathway</b>	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; Signal Transduction, organism-specific biosystem; Signaling by GPCR, organism-specific biosystem;
<b>Function</b>	hormone activity; neuropeptide hormone activity;

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