

Recombinant Human PYY Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. PYY-370H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PYY MS Standard C13 and N15-labeled recombinant protein (NP_004151) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	<p>This gene encodes a member of the neuropeptide Y (NPY) family of peptides. The encoded preproprotein is proteolytically processed to generate two alternative peptide products that differ in length by three amino acids. These peptides, secreted by endocrine cells in the gut, exhibit different binding affinities for each of the neuropeptide Y receptors. Binding of the encoded peptides to these receptors mediates regulation of pancreatic secretion, gut mobility and energy homeostasis. Rare variations in this gene could increase susceptibility to obesity and elevated serum levels of the encoded peptides may be associated with anorexia nervosa. [provided by RefSeq, Feb 2016]</p>
Molecular Mass	11.1 kDa
AA Sequence	<p>MVFVRRPWPALTTVLLALLVCLGALVDAYPIKPEAPGEDASPEELNRYASLRHYLN LVTRQRYGKRDPDRLLSKTFFPDGEDRPVRSRSEGPDLWTRTRPLEQKLISEEDL AANDILDYKDDDDKV</p>
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	PYY peptide YY [Homo sapiens (human)]
Official Symbol	PYY
Synonyms	PYY; peptide YY; PYY1; PYY-I; peptide tyrosine tyrosine;
Gene ID	5697
mRNA Refseq	NM_004160
Protein Refseq	NP_004151
MIM	600781
UniProt ID	P10082

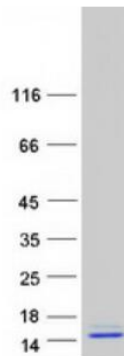
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SDS-PAGE



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