

Rev01  
Update: Dec,28,2022

**DATASHEET**

# Neuropeptide Y, human

Cat. No.: RP10492CN

## Overview

<b>Synonyms</b>	NPY
<b>Description</b>	Neuropeptide Y (NPY) is a vasoconstrictor and a brain peptide that inhibits Ca <sup>2+</sup> -activated K <sup>+</sup> channels in vascular smooth muscle. Neuropeptide Y (NPY) is implicated in the control of blood pressure, sexual behavior, and food intake. Neuropeptide Y (NPY) inhibits cholecystokinin- and secretin-stimulated pancreatic secretion.
<b>Cas No</b>	90880-35-6
<b>Sequence</b>	{TYR}{PRO}{SER}{LYS}{PRO}{ASP}{ASN}{PRO}{GLY}{GLU}{ASP}{ALA}{PRO}{ALA}{GLU}{ASP}{MET}{ALA}{ARG}{TYR}{TYR}{SER}{ALA}{LEU}{ARG}{HIS}{TYR}{ILE}{ASN}{LEU}{ILE}{THR}{ARG}{GLN}{ARG}{TYR}-NH <sub>2</sub>
<b>Sequence Shortening</b>	YPSKPDNPGEDAPAEDMARYYSALRHYINLITRQRY-NH <sub>2</sub>
<b>Molecular Formula</b>	C <sub>189</sub> H <sub>285</sub> N <sub>55</sub> O <sub>57</sub> S <sub>1</sub>
<b>C Terminal</b>	NH <sub>2</sub>
<b>Molecular Weight</b>	4271.68

## Properties

<b>Purity</b>	> 95%
<b>Solubility</b>	Solvent: 1 mg/ml CH <sub>3</sub> COOH 0.05 M clear, colorless
<b>Form</b>	Lyophilized
<b>Storage</b>	Store at -20°C.