

DATASHEET

Version: 2016-08-18

Neuropeptide Y (13-36), human**Cat. No.:** RP10488-5**Size:** 5 mg**Alias:** NPY 13-36**Description:**

The C-terminal NPY fragment (13-36) [NPY-(13-36)], a Y2 receptor agonist, elicits vasopressor responses upon central administration. The cardiovascular responses of NPY-(13-36), together with the distribution of NPY receptor subtypes within the nucleus tractus solitarius (nTS), have been studied in spontaneously hypertensive rats (SHR). Neuropeptide Y (13-36) (NPY 13-36) stimulates both Y2 and Y5 NPY receptor subtypes, but causes no increase in food intake even when injected at high doses, while the full-length NPY is one of the most potent physiological stimulants of feeding yet described. NPY 13-16 inhibits retinotectal transfer in amphibians.

C-Terminal: NH₂**Sequence (one-letter code):**PAEDMARYYSALRHYINLITRQRYNH₂**Sequence (three-letter code):**{PRO}{ALA}{GLU}{ASP}{MET}{ALA}{ARG}{TYR}{TYR}{SER}{ALA}{LEU}{ARG}{HIS}{TYR}{ILE}{ASN}{LEU}{ILE}{THR}{ARG}{GLN}{ARG}{TYR}-NH₂**Formula:** C₁₃₄H₂₀₇N₄₁O₃₆S₁**Molecular Weight:** 3,000.41**Purity:** > 95%**Storage:**

Store the peptide at -20°C.

Note:

*For Non-Clinical Research Use Only *

