

Recombinant Human Pro-Neuropeptide Y/NPY Protein(C-6His)

Cat.NO.: TP05424

3th Edition

Synonyms:Pro-Neuropeptide Y; Neuropeptide Y; Neuropeptide Tyrosine; NPY; C-Flanking Peptide of NPY; CPON; NPY

Description:Pro-Neuropeptide Y (NPY) is a member of the NPY family. NPY is a secreted protein and is one of the most abundant peptides in the nervous system. It also can be found in some chromaffin cells of the adrenal medulla. NPY can be cleaved into Neuropeptide Y and C-flanking peptide of NPY chain, which regulates energy usage, and it is involved in learning, memory processing, and epilepsy. NPY is implicated in the control of feeding and in secretion of gonadotrophin-release hormone. In addition, NPY increases the proportion of energy stored as fat and blocks nociceptive signals to the brain.

Form:PBS

Molecular Weight:9.1 kDa

Sequences:Tyr29-Trp97

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.