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NPY2R Blocking Peptide (N-term)

Synthetic peptide
Catalog # BP21198a

Specification

NPY2R Blocking Peptide (N-term) - Product Information

Primary Accession P49146

NPY2R Blocking Peptide (N-term) - Additional Information

Gene ID 4887

Other Names
Neuropeptide Y receptor type 2, NPY2-R, NPY-Y2 receptor, Y2 receptor, NPY2R

Target/Specificity
The synthetic peptide sequence is selected from aa 29-45 of HUMAN NPY2R

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NPY2R Blocking Peptide (N-term) - Protein Information

Name NPY2R

Function
Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PYY > NPY > PYY (3-36) > NPY (2-36) > [Ile-31, Gln-34] PP > [Leu-31, Pro-34] NPY > PP, [Pro-34] PYY and NPY free acid.

Cellular Location
Cell membrane; Multi-pass membrane protein.

Tissue Location
High levels in amygdala, corpus callosum, hippocampus and subthalamic nucleus. Also detectable in caudate nucleus, hypothalamus and substantia nigra

NPY2R Blocking Peptide (N-term) - Protocols

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Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

NPY2R Blocking Peptide (N-term) - Images

NPY2R Blocking Peptide (N-term) - Background

Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PYY > NPY > PYY (3-36) > NPY (2-36) > [Ile-31, Gln-34] PP > [Leu- 31, Pro-34] NPY > PP, [Pro-34] PYY and NPY free acid.

NPY2R Blocking Peptide (N-term) - References

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