

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 NamesNeuropeptide 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

FunctionReceptor 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) - 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**Gerald C.,et al.J. Biol. Chem.
270:26758-26761(1995).
Gehlert D.R.,et al.Mol. Pharmacol.
49:224-228(1996).
Rose P.M.,et al.J. Biol. Chem.
270:22661-22664(1995).
Yan H.,et al.Proc. Natl. Acad. Sci. U.S.A.
93:4661-4665(1996).
Ammar D.A.,et al.Genomics 38:392-398(1996).

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**

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

- [Blocking Peptides](#)