

Recombinant Human NPY1R Protein

Cat. No. NPY1R-6055H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human NPY1R full-length ORF (AAH71720.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	<p>Neuropeptide Y (NPY; MIM 162640) is one of the most abundant neuropeptides in the mammalian nervous system and exhibits a diverse range of important physiologic activities, including effects on psychomotor activity, food intake, regulation of central endocrine secretion, and potent vasoactive effects on the cardiovascular system. Two major subtypes of NPY (Y1 and Y2) have been defined by pharmacologic criteria. NPY receptors, such as NPY1R, have been identified in a variety of tissues, including brain, spleen, small intestine, kidney, testis, placenta, and aortic smooth muscle (Herzog et al., 1992 [PubMed 1321422]).[supplied by OMIM</p>
Form	Liquid
Molecular Mass	44.4 kDa
AA Sequence	<p>MNSTLFSQVENHSHVHSNFSEKNAQLLAFENDDCHLPLAMIFTLALAYGAVIILGVSGN LALIIILKQKEMRNVTNILIVNLSFSDLLVAIMCLPFTFVYTLMDHWVFGGEAMCKLNPF VQCVSITVSIFSLVLI AVERHQLIINPRGWRPNNRHAYVGI A VIWVLAVASSLPFLIYQV MTDEPFQNVTL DAYKDKYVCFDQFP S DSHRLSYTTLLLVLQYFGPLCFIFICYFKIYIR LKRRNNMMDKMRDNKYRSSETKRINIMLLSIVVAFAVCWLPLTIFNTVFDWNHQIIAT CNHLLFLLCHLTAMISTCVNPIFYGFLNKNFQRDLQFFNFCDFRSRDDDYETIAMS</p>

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TMHTDVSKTSLKQASPVAFKKINNDDNEKI

Applications
 Antibody Production
 Functional Study
 Compound Screening

Usage
 Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Notes
 Best use within three months from the date of receipt of this protein.

Storage
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer
 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

GENE INFORMATION

Gene Name
 NPY1R neuropeptide Y receptor Y1 [Homo sapiens]

Official Symbol
 NPY1R

Synonyms
 NPY1R; neuropeptide Y receptor Y1; NPYR; neuropeptide Y receptor type 1; NPY1-R;

Gene ID
 4886

mRNA Refseq
 NM_000909

Protein Refseq
 NP_000900

MIM
 162641

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UniProt ID

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