

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	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
Form	Liquid
Molecular Mass	44.4 kDa
AA Sequence	MNSTLFSQVENHSVHSNFSEKNAQLLAFENDDCHLPLAMIFTLALAYGAVIILGVSGN LALIIILKQKEMRNVNLTIVNLSFSDLLVAIMCLPFTFVYTLMDHWVFGTEAMCKLNPF VQCVSITVSIFSLVLIAYERHQLIINPRGWRPNNRHAYVGIWVAVASSLPFLIYQV MTDEPFQNVTLDAYKDKYVCFDQFPSSDHRSLSYTTLLLVLQYFGPLCFIFICYFKIYIR LKRRNNMMDKMRDNKYRSSETKRINIMLLSIVVAFVAVCWLPITFNTVFDWNHQIAT CNHNLLFLLCHLTAMISTCVNPIFYGFLNKNFQRDLQFFNFCDFRSRDDDDYETIAMS

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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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