

Proteoliposomes

Full-Length

NPY1R (Human) Recombinant Protein

Catalog # H00004886-G01

Size 2 ug

Specification

Product Description

Human NPY1R full-length ORF (AAH71720.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MNSTLFSQVENHSVHSNFSEKNAQLLAFENDDCHLPLAMIFTLALAYGAVIILGVSGNLALIIILKQK
EMRNVTNILVNLSFSDLLVAIMCLPFTFVYTLMDHWWFGEAMCKLNPVQCVSITVSIFSLVLI
AVE RHQLIINPRGWRPNNRHAYVGIAVMVLAVASSLPFLYQVMTDEPFQNVTLDAYKDKYVCFDQFPS
DSHRLSYTTLLVLQYFGPLCFIFICYFKMYRLKRRNNMMDKMRDNKYRSSETKRINIMLLSMVAF
AV CWLPLTIFNTVFDWNHQIATCNHNLLFLLCHLTAMISTCVNPIFYGFLNKNFQRDLQFFFNFCDFRS
RDDDYETIAMSTMHTDVSKTSLKQASPVAFKKINNDDNEKI

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

44.4

Interspecies Antigen Sequence

Mouse (93); Rat (93)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

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

Storage Buffer

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

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

- Antibody Production

Gene Info — NPY1R

Entrez GeneID [4886](#)

GeneBank Accession# [BC071720.1](#)

Protein Accession# [AAH71720.1](#)

Gene Name NPY1R

Gene Alias NPYR

Gene Description neuropeptide Y receptor Y1

Omim ID [162641](#)

Gene Ontology [Hyperlink](#)

Gene Summary 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]

Other Designations -

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alcoholism](#)
- [Anorexia Nervosa](#)
- [Appetite](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Bulimia](#)

- [Cardiovascular Diseases](#)
- [Cocaine-Related Disorders](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertrophy](#)
- [Liver Diseases](#)
- [NARP](#)
- [Obesity](#)
- [Panic Disorder](#)
- [Puberty](#)
- [Substance Withdrawal Syndrome](#)