

Product Information

MemDX™ Membrane Protein Human NPY4R (Neuropeptide Y receptor Y4) for Antibody Discovery

Cat. No.: **MP1037X**

This product is for research use only and is not intended for diagnostic use.

This product is a 68.6 kDa Human NPY4R membrane protein expressed in *in vitro* wheat germ expression system. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

NPY4R

Protein Length

Full-length

Molecular Weight

68.6 kDa

TMD

7

Sequence

MNTSHLLALLLPKSPQGENRSKPLGTPYNFSEHCQDSVDVMVFIVTSYSIETVVGVGNLCLMCVTRQKEKANVTNLLIANLAFSDI

Product Description

Application

Enzyme-linked Immunoabsorbent Assay, Western Blot (Recombinant protein), Antibody Production, Protein Array

Expression Systems

in vitro wheat germ expression system

Tag

GST-tag at N-terminal

Form

Liquid

Purification

Glutathione Sepharose 4 Fast Flow

Buffer

50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

NPY4R

Full Name

Neuropeptide Y receptor Y4

Introduction

Receptor for neuropeptide Y and peptide YY. The rank order of affinity of this receptor for pancreatic polypeptides is PP, PP (2-36) and [Ile-31, Gln-34] PP> [Pro-34] PYY> PYY and [Leu-31, Pro-34] NPY> NPY> PYY (3-36) and NPY (2-36)> PP (13-36)> PP (31-36)> NPY free acid.

Alternative Names

Y4; PP1; PPYR1; NPY4-R

Gene ID

[5540](#)

UniProt ID

[P50391](#)