

Product Information

MemDX™ Membrane Protein Human NPY2R (Neuropeptide Y receptor Y2) with N-GST tag for Antibody Discovery

Cat. No.: **MP0808X**

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

This product is a 69.1 kDa Human NPY2R 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

NPY2R

Protein Length

Full-length

Molecular Weight

69.1 kDa

TMD

7

Sequence

MGPIGAEADENQTV EEMKVEQYGPQTTPRGELVPDPEPELIDSTKLIEVQVVLILAYCSIILLGVIGNSLVIHVVIKFKSMRTVTNFFIAN

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, 10 mM reduced Glutathione, pH=8.0 in the elution buffer

Storage

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

Target

Target Protein

NPY2R

Full Name

Neuropeptide Y receptor Y2

Introduction

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.

Alternative Names

NPY2-R; neuropeptide Y receptor type 2; NPY-Y2 receptor

Gene ID

[4887](#)

UniProt ID

[P49146](#)