

Product Information

MemDX™ Membrane Protein Human NPFFR2 (Neuropeptide FF receptor 2) expressed in Yeast for Antibody Discovery

Cat. No.: **MP1363J**

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

This product is a 50.7 kDa Human NPFFR2 membrane protein expressed in Yeast. 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

NPFFR2

Protein Length

Full-length

Protein Class

GPCR

Molecular Weight

50.7 kDa

TMD

7

Sequence

MNEKWDTNSSSENWHPWVNDTKHHLYSDINITYVNYYLHQPQVAAIFIISYFLIFFLCM
MGNTVVCIFVMRNKHMHTVTNLFILNLAISDLLVGIFCMPITLLDNIIAGWPFGNTMCKI
SGLVQGISVAASVFTLVIAVDRFQCVVYPFKPKLTIKTAFVIIMIIWVLAITIMSPSAV
MLHVQEEKYYRVRLNSQNKTSPVYWCREDPNQEMRKIYTTVLFANIYLAPLSLIVIMYG
RIGISLFRAAVPHTGRKNQEQWHVVSRRKKQKIIKMLLIVALLFILSWLPLWTLMMLSDYA
DLSPNELQIINIYIPFAHWLAFGNSSVNPIIYGFFNENFRRGFQEAFLQLCQKRAKPM
EAYALKAKSHVLINTSNQLVQESTFQNPGETLLYRKSAEKPQQELVMEELKETTNSSEI

Product Description

Expression Systems

Yeast

Tag

N-His or Tag-Free

Form

Liquid or Lyophilized powder

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration).

Purity

>85% as determined by SDS-PAGE

Buffer

Liquid: Tris/PBS-based buffer, 5%-50% glycerol

Lyophilized powder: Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Storage

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

Target**Target Protein**

NPFFR2

Full Name

Neuropeptide FF receptor 2

Introduction

This gene encodes a member of a subfamily of G-protein-coupled neuropeptide receptors. This protein is activated by the neuropeptides A-18-amide (NPAF) and F-8-amide (NPFF) and may function in pain modulation and regulation of the opioid system. Alternative splicing results in multiple transcript variants.

Alternative Names

GPR74; NPFF2; NPGPR; HLWAR77

Gene ID

[10886](#)

UniProt ID

[A0PJM9](#)