

Product Information

MemDX™ Membrane Protein Human NPFFR2 (Neuropeptide FF receptor 2) Expressed *in vitro* E.coli expression system, Full Length

Cat. No.: **MPX3620K**

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

This product is a Human NPFFR2 membrane protein expressed *in vitro* E.coli 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

NPFFR2

Protein Length

Full Length

Protein Class

GPCR

TMD

7

Sequence

MNSFFGTPAASWCLLESDVSSAPDKEAGRERRALSVQQRGGPAWSGSLEWSRQSAGDRRLGLSRQTAKSSWSRSRDRTCC

Product Description

Expression Systems

in vitro E.coli expression system

Tag

10xHis tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Buffer

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

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

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

NPFFR2; GPR74; NPFF2; NPGPR; HLWAR77; G-protein coupled receptor 74; G-protein coupled receptor HLWAR77; neuropeptide FF 2; neuropeptide G-protein coupled receptor; Neuropeptide FF receptor 2

Gene ID

[10886](#)

UniProt ID

[Q9Y5X5](#)