

Product Information

MemDX™ Membrane Protein Human NPFFR2 (Neuropeptide FF receptor 2) Full Length

Cat. No.: **MPC0305K**

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

This product is a 60.2 kDa Human NPFFR2 membrane protein expressed in Baculovirus/Insect 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

Molecular Weight

60.2 kDa

TMD

7

Sequence

MNSFFGTPAASWCLLESDVSSAPDKEAGRERRALSVQQRGGPAWSGSLEW
SRQSAGDRRLGLSRQTAKSSWSRSDRTCCCRRAWWILVPAADRARRER
FIMNEKWDTNSSSENWHPINWVNDTKHHLYSDINITYVNYLHQPQVAAIF
IISYFLIFFLCMMGNTVVCFIVMRNKHMHMTVTNLFILNLAISDLLVGIFC
MPITLLDNIIAGWPFNTMCKISGLVQGISVAASVFTLVAVDRFQCVV
YPFKPKLTIKTAFVIIMIIWVLAITIMSPSAVMLHVQEEKYYRVRLNSQN
KTSPVYWCREDPNQEMRKIYTTVLFANIYLAFLSLIVIMYGRIGISLFR
AAVPHTRGRKNQEQWHVVSRRKKQKIIKMLLIVALLFILSWLPLWTLMLSD
YADLSPNELQIINIYIPFAHWLAFGNSSVNPIYGFFNENFRRGFQCAF
QLQLCQKRAKPMAYALKAKSHVLINTSNQLVQESTFQNPGETLLYRKS
AEKPQQELVMEELKETTNSSEI

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

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

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

Gene ID

[10886](#)

UniProt ID

[Q9Y5X5](#)