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Product Information

MemDX™ Membrane Protein Human NPBWR2 (Neuropeptides B and W receptor 2) Full Length

Cat. No.: **MPC0303K**
This product is for research use only and is not intended for diagnostic use.

This product is a 36.8 kDa Human NPBWR2 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
NPBWR2

Protein Length
Full length

Protein Class
GPCR

Molecular Weight
36.8 kDa

TMD
7

Sequence
MQAAGHPEPLDSRGSFSLPTMGANVSQDNGTGHNATFSEPLPFLYVLLPA
VYSGICAVGLTGNTAVILVILRAPKMKTVTNVFILNLAVADGLFTLVLPV
NIAEHLLQYWPFGELLCKLVLAVDHYNIFSSIYFLAVMSVDRYLVVLATV
RSRHMPWRTYRGAKVASLCVWLGVTVLVLPFFSFAGVYSNELQVPSCGLS
FPWPEQVWFKASRVYTLVLGFVLPVCTICVLYTDLLRRLRAVRLRSGAKA
LGKARRKVTVLVLVVLAVCLLCWTPFHLASVVALTTDLPQTPLVISMSYV
ITSLSYANSCLNPFLYAFLDDNFRKNFRSILRC

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

NPBWR2

Full Name

Neuropeptides B and W receptor 2

Introduction

The protein encoded by this gene is an integral membrane protein and G protein-coupled receptor. The encoded protein is similar in sequence to another G protein-coupled receptor (GPR7), and it is structurally similar to opioid and somatostatin receptors. This protein binds neuropeptides B and W. This gene is intronless and is expressed primarily in the frontal cortex of the brain.

Alternative Names

GPR8; neuropeptides B/W receptor type 2; G-protein coupled receptor 8; neuropeptides B/W receptor 2; opioid-somatostatin-like receptor 8; NPBWR2; Neuropeptides B and W receptor 2

Gene ID

2832

UniProt ID

P48146