

Product Information

MemDX™ Membrane Protein Human PTH2R (Parathyroid hormone 2 receptor) Full Length

Cat. No.: **MPC0233K**

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

This product is a 62.2 kDa Human PTH2R 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

PTH2R

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

62.2 kDa

TMD

7

Sequence

MAGLGASLHVWGWLMLGSCLLARAQLDSDGTITIEEQIVLVLKAKVQCEL
NITAQLQEGEGNCFPEWDGLICWPRGTVGKISAVPCPPYIYDFNHKGVA
RHCNPNGTWDFMHSNLKWTWANYSDCLRFLQPDISIGKQEFFERLYV
MYTV
GYSISFGSLAVAILIIGYFRRHLHCTRNYIHMHLFVSFMLRATSIFVKDRV
VHAHIGVKELESIMQDDPQNSIEATSVDKSQYIGCKIAVVMFIYFLATN
YYWILVEGLYLHNLIFVAFFSDTKYLWGFILIGWGFPAAAFVAWAVARAT
LADARCWELSAGDIKWYQAPILAAIGLNFILFLNTRVRLATKIWETNAV
GHDTRKQYRKLAKSTLVVLVFGVHYIVFVCLPHSFTGLGWEIRMHCELF
FNSFQGGFFVSIICYCNGEVQAEVKKMWSRWNLSDWKRTPPCGSRRCGS
VLTTVTHTSTSSQSQAASRMVLISGKAASRQPDSHITLPGYVWSNS
EQDCLPHSFHEETKEDSGRQGGDILMEKPSRPMESNPDTEGCQGETEDVL

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

PTH2R

Full Name

Parathyroid hormone 2 receptor

Introduction

The protein encoded by this gene is a member of the G-protein coupled receptor 2 family. This protein is a receptor for parathyroid hormone (PTH). This receptor is more selective in ligand recognition and has a more specific tissue distribution compared to parathyroid hormone receptor 1 (PTH1R). It is activated only by PTH and not by parathyroid hormone-like hormone (PTHrP) and is particularly abundant in brain and pancreas. Alternative splicing results in multiple transcript variants.

Alternative Names

PTH2R; parathyroid hormone 2 receptor; PTH2 receptor; parathyroid hormone receptor 2; PTH2R; Parathyroid hormone 2 receptor

Gene ID

[5746](#)

UniProt ID

[P49190](#)