

Product Information

MemDX™ Membrane Protein Human PTH2R (Parathyroid hormone 2 receptor) Expressed in *E.coli* with 6xHis and SUMO tag at the N-terminus for Antibody Discovery, Partial (27-145aa)

Cat. No.: **MPX4483K**

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

This product is a 29.6kDa Human PTH2R membrane protein expressed in *E.coli*. 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

Partial (27-145aa)

Protein Class

GPCR

Molecular Weight

29.6kDa

TMD

7

Sequence

DSDGTITIEEQIVLVKAKVQCELNITAQLQEGEGNCFPEWDGLICWPRGTVGKISAVPCPPYIYDFNHKGVAFRHCNPNGTWDFM

Product Description

Expression Systems

E.coli

Tag

6xHis and SUMO tag at the N-terminus

Protein Format

Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

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](#)