

# Product Information

## MemDX™ Membrane Protein Human PTH2R (Parathyroid hormone 2 receptor) for Antibody

### Discovery

Cat. No.: **MP1063X**

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

This product is a 60.5 kDa Human PTH2R membrane protein expressed in *in vitro* wheat germ 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

#### Molecular Weight

60.5 kDa

#### TMD

7

#### Sequence

MAGLGASLHVWGWLMLGSCLLARAQLDSDGTITIEEQIVLVLKAKVQCELNITAQLQEGEGNCFPEWDGLICWPRGTVGKISAVPC

### Product Description

#### Application

Antibody Production

#### Expression Systems

*in vitro* wheat germ expression system

#### Tag

NO

#### Protein Format

Liposome

#### Form

Liquid

**Buffer**

25 mM Tris-HCl of pH8.0 containing 2% glycerol

**Storage**

Store at +4°C for up to one week or several months at -80°C

**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

**Gene ID**

[5746](#)

**UniProt ID**

[P49190](#)