

# Product Information

## NativeExtract™ Human PTH2R Membrane Protein (Full length, Super Nanodisc)

Cat. No.: **S01YF-1023-KX61**

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

This product is recombinant Human PTH2R protein in native nanodisc form. The synthetic compound we developed can solubilize the PTH2R protein from membrane while retaining the native structure.

### Product Specifications

#### Host Species

Human

#### Target Protein

PTH2R

#### Protein Length

Full length

#### Molecular Weight

62.2kDa

#### Sequence

Accession # [P49190](#)

### Product Description

#### Activity

Yes

#### Application

ELISA; SPR Binding Assays; Phage Display Screening; Immunity; Functional Assays

#### Expression Systems

HEK293 expression system

#### Tag

Flag tag at the C-terminus

#### Protein Format

Native Nanodisc

#### Form

Liquid

**Buffer**

20 mM Tris-HCl, 150 mM NaCl, pH 8.0

**Storage**

The product should be stored at -20°C to -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; PTH2R; Parathyroid hormone 2 receptor

**Gene ID**

[5746](#)

**UniProt ID**

[P49190](#)