



# Recombinant Protein Technical Manual

## Recombinant Human PTH1R Protein (His Tag)

RPES2196

### Product Data:

**Product SKU:** RPES2196

**Size:** 10µg

**Species:** Human

**Expression host:** Human Cells

**Uniprot:** Q03431

### Protein Information:

**Molecular Mass:** 20.3 kDa

**AP Molecular Mass:** 25-35 kDa

**Tag:** C-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per µg as determined by the LAL method.

**Storage:** Lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

**Shipping:** This product is provided as lyophilized powder which is shipped with ice packs.

**Formulation:** Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** Parathyroid hormone/parathyroid hormone-related peptide receptor;PTH/PTHrP type I receptor;PTH/PTHr receptor;Parathyroid hormone 1 receptor;PTH1 receptor;PTH1R

## Immunogen Information:

**Sequence:** Tyr23-Met 189

## Background:

Parathyroid hormone/parathyroid hormone-related peptide receptor also known as parathyroid hormone 1 receptor (PTH1R) is a protein that in humans is encoded by the PTH1R gene. Belongs to the G-protein coupled receptor 2 family. PTH1R functions as a receptor for parathyroid hormone (PTH) and for parathyroid hormone-related protein (PTHrP), also called parathyroid hormone-like hormone (PTHrLH).