

# Human PTH1R/PTHR1 (His Tag) recombinant protein



Catalog Number: 502117

## General Information

### Gene Name Synonym

PTH/PTHrP type I receptor; Parathyroid hormone 1 receptor

### Protein Construction

A DNA sequence encoding the human PTH1R (Q03431) extracellular domain (Met 1-Gly 188) was fused with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> 95 % as determined by SDS-PAGE

### Endotoxin

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

Asp 27

### Molecular Mass

The recombinant human PTH1R consists of 173

amino acids and has a predicted molecular mass of 20 kDa. As a result of glycosylation, the apparent molecular mass of rh PTH1R is approximately 30-40 kDa in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage

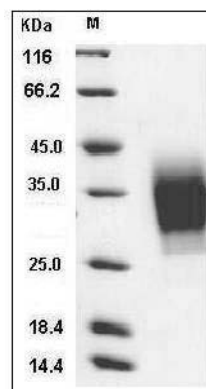
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE



Human PTH1R / PTHR1 / PTH1 Receptor Protein (His Tag) SDS-PAGE