

Datasheet for ABIN7607522

PTH1R Protein (AA 27-188) (His tag)[Go to Product page](#)

Overview

| | |
|-------------------------------|---|
| Quantity: | 50 µg |
| Target: | PTH1R |
| Protein Characteristics: | AA 27-188 |
| Origin: | Human |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This PTH1R protein is labelled with His tag. |
| Application: | SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA) |

Product Details

| | |
|------------------------------|--|
| Purpose: | Recombinant Human PTH1R Protein, C-His (Active) |
| Purity: | >90 % as determined by SDS-PAGE. |
| Endotoxin Level: | <0.1 EU/µg of the protein by the LAL method. |
| Biological Activity Comment: | When recombinant human PTH1R/PTHR1 (Cat #: AHF99301) is used at 2 µg/mL, the concentration of biotinylated human PTHrP that produces 50% of the optimal binding response is found to be approximately 0.03 - 0.12 µg/mL. |

Target Details

| | |
|---------|-------|
| Target: | PTH1R |
|---------|-------|

Target Details

| | |
|-------------------|---|
| Alternative Name: | PTH/PTHr receptor (PTH1R Products) |
| Background: | PTH/PTHr receptor, Parathyroid hormone 1 receptor, PTHR1, PTHR, PTH1 receptor, PTH/PTHrP type I receptor, PTH1R, Parathyroid hormone/parathyroid hormone-related peptide receptor |
| UniProt: | Q03431 |
| Pathways: | Regulation of Carbohydrate Metabolic Process |

Application Details

| | |
|--------------------|--|
| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

Handling

| | |
|------------------|---|
| Format: | Lyophilized |
| Buffer: | Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt. |
| Expiry Date: | 12 months |