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Datasheet for ABIN2566882 PTH1R Protein (His tag)

Overview

Quantity:	0.1 mg
Target:	PTH1R
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PTH1R protein is labelled with His tag.
Application:	Western Blotting (WB), ELISA

Product Details

Characteristics:	Measured by its binding ability in a functional ELISA. When rhPTH1R 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 0.1 - 0.25 µg/mL.
Purity:	>95 % as determined by SDS-PAGE.

Target Details

Target:	PTH1R
Alternative Name:	PTHR1 (PTH1R Products)
Background:	Parathyroid hormone/parathyroid hormone-related peptide receptor is also known as Parathyroid hormone 1 receptor (PTH1R), PTHR1, PTH/PTHrP type I receptor (PTH/PTHr receptor), which belongs to the G-protein coupled receptor 2 family. PTH1R / PTHR1 is a

Target Details

receptor for parathyroid hormone and for parathyroid hormone-related peptide. The activity of this receptor is mediated by G proteins which activate adenylyl cyclase and also a phosphatidylinositol-calcium second messenger system.

Molecular Weight: 19.3 kDa

Gene ID: 5745

NCBI Accession: [NP_000307](#)

UniProt: [Q03431](#)

Pathways: [Regulation of Carbohydrate Metabolic Process](#)

Application Details

Application Notes: This recombinant protein can be used for WB, ELISA. For research use only.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: PBS, pH 7.4

Storage: -80 °C, -20 °C

Storage Comment: Lyophilized Protein should be stored at -20°C or lower for long term storage. Upon reconstitution, working aliquots should be stored at -20°C or -70°C. Avoid repeated freeze-thaw cycles.