

Recombinant Human PTH1R protein, His-tagged

Cat. No. PTH1R-321H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTH1R protein(Q03431)(Met1-Gly188), fused with His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Met1-Gly188
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	PTH1R parathyroid hormone 1 receptor [Homo sapiens]
Official Symbol	PTH1R
Synonyms	PTH1R; parathyroid hormone 1 receptor; parathyroid hormone receptor 1 , PTHR, PTHR1; parathyroid hormone/parathyroid hormone-related peptide receptor; PTH1 receptor; PTH/PTHr receptor; PTH/PTHrP type I receptor; parathyroid hormone receptor 1; seven transmembrane helix receptor; parathyroid hormone/parathyroid hormone-related protein receptor; PFE; PTHR; PTHR1; MGC138426; MGC138452;
Gene ID	5745
mRNA Refseq	NM_000316
Protein Refseq	NP_000307
MIM	168468
UniProt ID	Q03431

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