

Recombinant Human PTH1R Protein (His Tag)

Catalog Number: PKSH033336

Note: Centrifuge before opening to ensure complete recovery of vial contents.

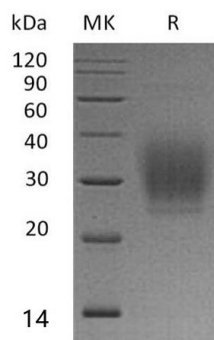
Description

Species	Human
Source	HEK293 Cells-derived Human PTH1R protein Tyr23-Met 189, with an C-terminal His
Calculated MW	20.3 kDa
Observed MW	25-35 kDa
Accession	Q03431
Bio-activity	Not validated for activity

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Generally, 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, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Reconstitution	Please refer to the specific buffer information in the printed manual. Please refer to the printed manual for detailed information.

Data



> 95 % as determined by reducing SDS-PAGE.

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 (PTHLH).