

Human PTH / PTH1 / Parathyroid Hormone (Fc Tag) recombinant protein



Catalog Number: 501508

General Information

Gene Name Synonym

Parathormone; Parathyrin

Protein Construction

A DNA sequence encoding the human PTH (P01270) (Ser32-Gln115) was expressed, with the fused Fc region of human IgG1 at the N-terminus.

Organism

Human

Expression Host

Human Cells

QC Testing

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per μg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Glu

Molecular Mass

The recombinant human PTH/Fc is a disulfide-linked homodimer. The reduced monomer

comprises 344 amino acids and has a predicted molecular mass of 37.9 kDa. The apparent molecular mass of the protein is approximately 40 kDa in SDS-PAGE under reducing conditions due to glycosylation.

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

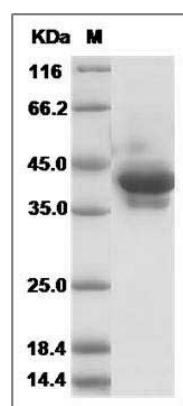
Storage

Store it under sterile conditions at -20°C to -80°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 PTH / PTH1 / Parathyroid Hormone Protein (Fc Tag) SDS-PAGE