

PRODUCT INFORMATION

Target PTH

FIH1; PTH1 **Synonyms**

Recombinant human PTH Protein with C-terminal **Description**

human Fc tag

Delivery In Stock **Uniprot ID** P01270 **Expression Host HEK293**

Tag C-Human Fc tag

Molecular

Purity

Background

PTH(Ser32-Gln115) hFc(Glu99-Ala330) Characterization

The protein has a predicted molecular mass of **Molecular Weight** 35.6 kDa after removal of the signal peptide.

The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before

Formulation & lyophilization. Please see Certificate of Analysis Reconstitution for specific instructions of reconstitution.

Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Storage & Shipping

Lyophilized proteins are shipped at ambient

temperature.

This gene encodes a member of the parathyroid family of proteins. The encoded preproprotein is proteolytically processed to generate a protein that binds to the parathyroid

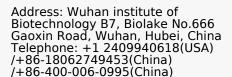
hormone/parathyroid hormone-related peptide receptor and regulates blood calcium and

phosphate levels. Excess production of the encoded protein, known as hyperparathyroidism, can result in hypercalcemia and kidney stones. On the other hand, defective processing of the encoded protein may lead to hypoparathyroidism, which can result in hypocalcemia and numbness. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2015]

Research use only Usage

Conjugate Unconjugated

> Email: info@dimabio.com Website: www.dimabio.com







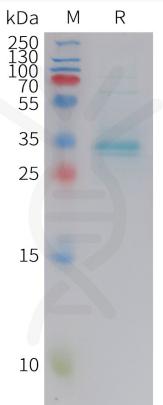


Figure 1. Human PTH Protein, hFc Tag on SDS-PAGE under reducing condition.



