

Recombinant Human PTH protein, hFc-tagged

Cat. No. PTH-8562H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PTH protein(P01270) (Ser32-Gln115) was expressed in HEK293, with the fused Fc region of human IgG1 at the N-terminus.
Species	Human
Source	HEK293
ProteinLength	32-115 aa
Form	Lyophilized from sterile PBS, pH 7.4.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

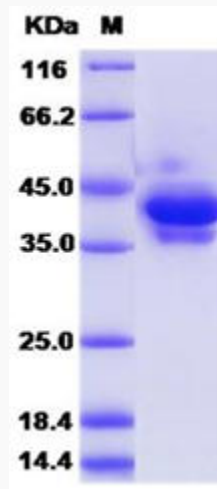
 45-1 Ramsey Road, Shirley, NY 11967, USA

0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	PTH parathyroid hormone [Homo sapiens]
Official Symbol	PTH
Synonyms	PTH; parathyroid hormone; parathormone; parathyrin; parathyroid hormone 1; PTH1;
Gene ID	5741
mRNA Refseq	NM_000315
Protein Refseq	NP_000306
MIM	168450
UniProt ID	P01270

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA