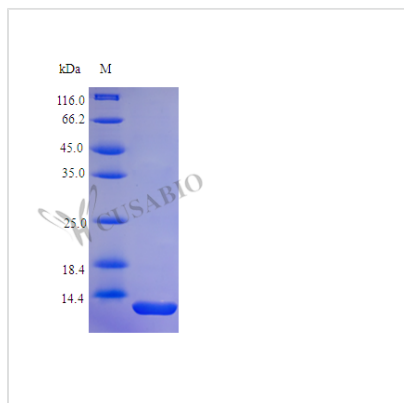




Recombinant Human Parathyroid hormone protein (PTH) (Active)

Product Code	CSB-AP000051HU
Abbreviation	Recombinant Human PTH protein (Active)
Uniprot No.	P01270
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, pH 7.4
Product Type	Hormone
Immunogen Species	Homo sapiens (Human)
Biological Activity	Fully biologically active when compared to standard. The ED50 as determined by its ability to induce cAMP accumulation in murine MC3T3E1 cells is less than 50 ng/ml, corresponding to a specific activity of >2.0x10 ⁴ IU/mg.
Purity	≥97% as determined by SDS-PAGE.
Sequence	SVSEIQLMHN LGKHLNSMER VEWLRKKLQD VHNFVALGAP LAPRDAGSQR PRKKEDNVLV ESHEKSLGEA DKADVNVLTAKSQ
Research Area	Signal Transduction
Source	E.coli
Target Names	PTH
Expression Region	32-115aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag-Free
Mol. Weight	9.4 kDa
Protein Length	Full Length of Mature Protein
PubMed ID	6950381; 6220408; 15489334; 7829495; 4833516; 15340161; 4521809; 728431; 1125201; 4474131; 4721748; 21076856; 2069952; 8344299; 7797503; 10623601; 10837469; 18375760; 2212001; 10523031; 18056632

Image


Endotoxin

Less than 1.0 EU/μg as determined by LAL method.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.