*Optimize Your Research*

# Recombinant Human Parathyroid Hormone 1-84, 15N Stable Isotope Labeled protein

## Code CD01032

**Storage:** This lyophilized preparation is stable at 2-8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.

### Intended Use
This product is for research use only, not for use in diagnosis procedures. It is highly recommended to read this instruction entirely before the use.

### Source
Escherichia coli.

### Molecular Weight
Approximately 9551 Da, a single non-glycosylated polypeptide chain containing 84 amino acids. 15N stable isotope labeled.

### Purity
> 97 % by SDS-PAGE and HPLC analyses.

### Biological Activity
Fully biologically active when compared to standard. The ED50 as determined by its ability to induce cAMP accumulation in Mouse MC3T3E1 cells is less than 50 ng/ml, corresponding to a specific activity of > 2.0 × 104 IU/mg.

### Physical Appearance
Sterile Filtered White lyophilized (freeze-dried) powder.

### Formulation
Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.

### Sequence
SVSEIQLMHN LGKHLNSMER VEWLRKKLQD VHNFVALGAP LAPRDAGSQR PRKKEDNVLV ESHEKSLGEA DKADVNVLTK AKSQ

### Endotoxin
Less than 1 EU/μg of rHuPTH1-84, 15N as determined by LAL method.

### Reconstitution
We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/ml. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 C. Further dilutions should be made in appropriate buffered solutions.

If you have any question on order please contact us via: order@bt-laboratory.com; technical assistance please contact us via: support@bt-laboratory.com More product visit www.bt-laboratory.com

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