

Recombinant Human Growth Hormone (GH)

CATALOG #:	4769-100	100 µg
	4769-500	500 µg
	4769-1000	1 mg
	4769-5000	5 mg

SOURCE: *E. coli*

PURITY: ≥ 98% as determined by SDS-PAGE and HPLC

ENDOTOXIN: Less than 0.1 ng/µg of GH

PHYSICAL APPEARANCE: Lyophilized powder

RECONSTITUTION:

Centrifuge the vial prior to opening. It is recommended to reconstitute the lyophilized hGH in 10 mM sodium phosphate buffer (pH 8.0) or 10 mM NH₄HCO₃ (pH 8.0). The solution can then be further diluted to other aqueous solutions. When diluting to below 10 µg/ml, the diluted solution should contain carrier protein (BSA or others) to avoid non-specific absorption of the hGH to plastic tubes.

STORAGE CONDITIONS:

Lyophilized GH should be stored desiccated below 0°C. Upon reconstitution GH can be stored at 4°C for 2-7 days. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA) and store aliquots at -20°C or -70°C. Avoid freeze-thaw cycles.

DESCRIPTION:

Recombinant Human Pituitary Growth Hormone produced in *E.Coli* is a single, non-glycosylated, polypeptide chain containing 192 amino acids and having a molecular mass of 22367 Dalton. Pituitary Growth Hormone is purified by proprietary chromatographic techniques.

ACTIVITY:

BioVision's pituitary Growth Hormone is fully biologically active when compared to World Health Organization (WHO) reference standard.

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

- Growth Hormone, chicken recombinant (**Cat. No. 4771-50, -500**)
- Growth Hormone, human recombinant (**Cat. No. 4769-100, -500, -5000**)
- Growth Hormone, murine recombinant (**Cat. No. 4770-50, -1000**)
- GH (Growth Hormone) Antibody (**Cat. No. 5769-100**)
- GHRH, human recombinant (**Cat. No. 4784-500**)
- Human CellExp™ HGH, Human Recombinant (**Cat. No. 6457-10, -50**)