

Recombinant Human Growth Hormone (GH)

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|------------|-----------|--------|
| CATALOG #: | 4769-100 | 100 µg |
| | 4769-500 | 500 µg |
| | 4769-5000 | 5 mg |

LOT #: _____

SOURCE: *E. coli*

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

ENDOTOXIN: Less than 0.1 ng/mg 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 in humans.

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