

Recombinant Human Growth Hormone (GH)

CATALOG #:	4769-100	100 µg
	4769-500	500 µg
	4769-5000	5 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
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.

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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