
Product Datasheet

Human Growth Hormone (rHuGH) (orb1495066)

Description

Growth hormone (GH), also known as

growth factors that incl...

Endotoxins

Less than 1EU/µg of rHuGH as determined by LAL method.

Preservatives

Lyophilized from a 0.2µm filtered concentrated solution with 5mM NaHCO₃, pH 7.0

Form/Appearance

Sterile Filtered White lyophilized (freeze-dried) powder.

Storage

This lyophilized preparation is stable for several weeks 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.

Note

For research use only

Application notes

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.

Protein Sequence

FPTIPLSRLF DNAMLRAHRL HQLAFDITYQE
FEEAYIPKEQ KYSFLQNPQT SLCFSESIPT
PSNREETQK SNLELLRISL LLIQSWLEPV
QFLRSVFANS LYGASDSNV YDLLKDLEEG
IQTLMGRLED GSPRTGQIFK QTYSKFDNTS
HNDDALLKNY GLLYCFRKDM DKVETFLRIV
QCRSVEGSCG F

Source

Escherichia coli.

MW

Approximately 22 kDa, a single non-glycosylated polypeptide chain containing 191 amino acids

Expiration Date

6 months from date of receipt.