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Product Datasheet

Recombinant Human Growth Hormone (rHuGH) BWT-PR1039

Article Name	Recombinant Human Growth Hormone (rHuGH)
Biozol Catalog Number	BWT-PR1039
Supplier Catalog Number	PR1039
Alternative Catalog Number	BWT-PR1039-20UG,BWT-PR1039-100UG,BWT-PR1039-1MG
Manufacturer	Bioworld Technology
Category	Proteine/Peptide
Product Description	Growth hormone (GH), also known as somatotropin, is a member of a family of growth factors that includes prolactin, placental lactogens, proliferins, and somatolactin. It is synthesized primarily by somatotropes in the anterior pituitary and is store...
Molecular Weight	Approximately 22 kDa, a single non-glycosylated polypeptide chain containing 191 amino acids
Source	Escherichia coli.
Purity	>96% by SDS-PAGE and HPLC analyses.
Form	Sterile Filtered White lyophilized (freeze-dried) powder.
Sequence	FPTIPLSRLF DNAMLRAHRL HQLAFDITYQE FEEAYIPKEQ KYSFLQNPQT SLCFSES IPT PSNREETQK SNLELLRISL LLIQSWLEPV QFLRSVFANS LVYGASDSNV YDLLKDLEEG IQTLMGRLED GSPRTGQIFK QTYSKFDTNS HNDDALLKNY GLLYCFRKDM DKVETFLRIV QCRSVEGSCG F
Formula	Lyophilized from a 0.2m filtered concentrated solution with 5mM NaHCO ₃ , pH 7.0

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 <-20C. Further dilutions should be made in appropriate buffered solutions.