

Product Datasheet

Recombinant Human Growth Hormone Protein NBP2-34890-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-34890-100ug

Recombinant Human Growth Hormone Protein

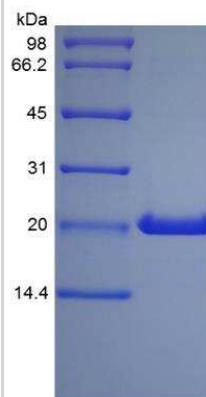
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	3% Mannitol
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 98 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution with 20mM PB, pH 7.0.
Target Molecular Weight	22 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 191 amino acids corresponding to Growth Hormone Source: <i>E. coli</i></p> <p>Uniprot ID: <i>P01241</i></p> <p>Amino Acid Sequence: <i>FPTIPLSRLF DNAMLRAHRL HQLAFDITYQE FEEAYIPKEQ KYSFLQNPQT SLCFSESIPT PSNREETQQK SNLELLRISL LLIQSWLEPV QFLRSVFANS LVY GASDSNV YDLLKDLEEG IQTLMGRLED GSPRTGQIFK QTYSKFDTNS HNDDALLKNY GLLYCFRKDM DKVETFLRIV QCRSVEGSCG F</i></p>
Gene ID	2688
Gene Symbol	GH1
Species	Human
Details of Functionality	Growth Hormone protein is fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using rat Nb2-11 lymphoma cells is less than 0.1 ng/ml, corresponding to a specific activity of > 1.0 x 10 ⁷ IU/mg.
Endotoxin Note	Less than 1 EU/ug of Growth Hormone as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Human Growth Hormone Protein [NBP2-34890]





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Products Related to NBP2-34890-100ug

291-G1-200	IGF-I/IGF-1 [Unconjugated]
AF1067	Growth Hormone Antibody [Unconjugated]
DGB300	IGFBP-3 [HRP]
292-G2-050	IGF-II/IGF2 [Unconjugated]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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