Human Growth Hormone Reference standard

Cat. No. GH1-63H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This Reference Standard consists of a batch of ampoules containing highly purified pituitary human growth hormone (hGH). Initially established as the Reference Standard for hGH for bioassay.
Species	Human
Usage	For all practical purposes each ampoule contains the same quantity of the above materials. The entire contents of each ampoule should be completely dissolved in a known volume of buffer (with carrier protein, where extensive dilution is required). No attempt should be made to weigh out portions of the freeze-dried powder.
Notes	This preparation is not for administration to humans. The preparation contains material of human origin, and either the final product or the source materials, from which it is derived, have been tested and found negative for HBsAg, anti-HIV and HCV RNA. However, as with all materials of human origin, the preparation cannot be assumed to be free from infectious agents. The container and its contents should be used and discarded according to your own laboratory procedures. Such procedures probably will include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening the container to avoid cuts.
Storage	Unopened ampoules should be stored at -20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

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Gene Name	GH1 growth hormone 1 [Homo sapiens];
Official Symbol	GH1
Synonyms	GH; GHN; GH-N; hGH-N; IGHD1B; somatotropin; pituitary growth hormone
Gene ID	2688
mRNA Refseq	NM_000515
Protein Refseq	NP_000506
MIM	139250
UniProt ID	P01241
Chromosome Location	17q24.2
Pathway	Adipogenesis, organism-specific biosystem; Cytokine-cytokine receptor interaction, organism-specific biosystem; Immune System, organism-specific biosystem
Function	growth factor activity; growth hormone receptor binding; hormone activity

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