Human GH1 / Growth hormone 1 Protein (His Tag)

Catalog Number: 16122-H07E

Sino Biological Inc.
Biological Solution Specialist

General Information

Gene Name Synonym:

GH; GH-N; GH1; GHB5; GHN; Growth hormone 1; hGH-N; IGHD1B

Protein Construction:

A DNA sequence encoding the human GH1 (P01241) (Phe27-Phe217) was expressed with a polyhistidine tag at the N-terminus.

Source: Human

Expression Host: E. coli

QC Testing

Purity: > 85 % as determined by SDS-PAGE.

Bio Activity:

Measured by its ability to promote proliferation of INS-1 cells. The ED_{50} for this effect is 0.3-1.2 ng/mL.

Endotoxin:

Please contact us for more information.

Stability:

Samples are stable for up to twelve months from date of receipt at -70 ℃

Predicted N terminal: Pro

Molecular Mass:

The recombinant human GH1 consists 212 amino acids and predicts a molecular mass of 24.7 kDa.

Formulation:

Lyophilized from sterile PBS, pH 7.4.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

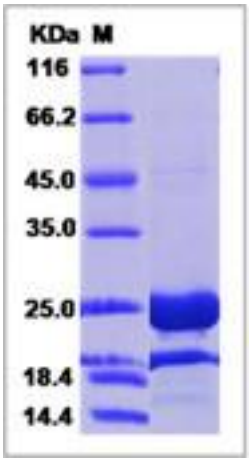
Usage Guide

Storage:

Store it under sterile conditions at -20℃ to -80℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

Avoid repeated freeze-thaw cycles.

Reconstitution:

Detailed reconstitution instructions are sent along with the products.

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