

Human GH1 / Growth hormone 1 recombinant protein



Catalog Number: 503723

General Information

Gene Name Synonym

Growth hormone; Growth hormone 1; Pituitary growth hormone

Protein Construction

A DNA sequence encoding the human GH1 (P01241) (Phe27-Phe217) was expressed.

Organism

Human

Expression Host

E. coli

QC Testing

Activity

Measured by its ability to promote proliferation of INS-1 cells.

The ED₅₀ for this effect is 0.2-1 ng/mL.

Purity

> 90 % as determined by SDS-PAGE.

Endotoxin

Please contact us for more information.

Stability

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

Predicted N terminal

Phe 27

Molecular Mass

The recombinant human GH1 consists 191 amino acids and predicts a molecular mass of 22.1 kDa.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

Usage Guide

Storage

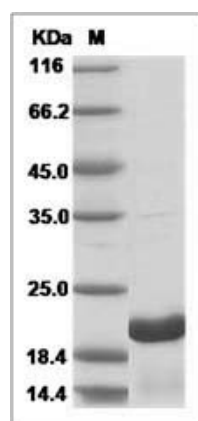
Store it under sterile conditions at -20°C to -80°C.

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human GH1 / Growth hormone 1 Protein SDS-PAGE