

RP00049

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Recombinant Human FGF-21 Protein

Catalog No.: RP00049

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
Human	26291	Q9NSA1

Tags

No tag

Synonyms

FGF21; fibroblast growth factor 21

Product Information

Source

<I>E. coli</I>

Purification

> 95% by SDS-PAGE.

Endotoxin

< 0.1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from a 0.22 μm filtered solution of 20mM Tris, 100mM NaCl, pH 8.0. Contact us for customized product form or formulation.

Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles.

Background

This protein is a member of the fibroblast growth factor (FGF) family. FGF family members possess broad mitogenic and cell survival activities and are involved in a variety of biological processes. This protein is a secreted endocrine factor that functions as a major metabolic regulator. The protein stimulates the uptake of glucose in adipose tissue.

Basic Information

Description

Recombinant Human FGF-21 Protein is produced by <I>E. coli</I> expression system. The target protein is expressed with sequence (His29-Ser209) of human FGF-21 (Accession #NP_061986.1).

Bio-Activity

Storage

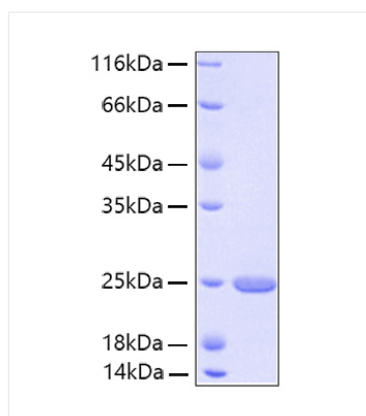
Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week. Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human FGF-21 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25 kDa.