

RP00049

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Recombinant Human FGF-21 Protein

Catalog No.: RP00049

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
<i>E. coli</i>	26291	Q9NSA1

Tags

No tag

Synonyms

FGF21; fibroblast growth factor 21

Product Information

Source

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 free-thaw cycles.

Purification

≥ 95 % as determined 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

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 *E. coli* expression system. The target protein is expressed with sequence (His29-Ser209) of human FGF-21 (Accession #NP_061986.1).

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

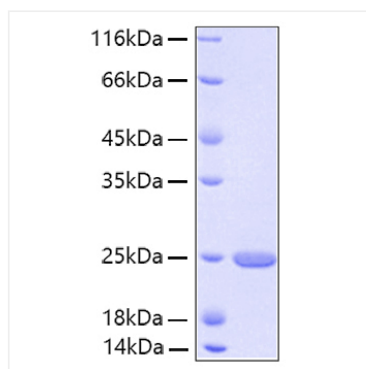
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Contact



www.abclonal.com

Validation Data



Recombinant Human FGF-21 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.