

Recombinant Human FGF-19 Protein

Catalog No.: RP01231 Recombinant 3 Publications

Sequence Information

Species Gene ID Swiss Prot
Human 9965 095750

Tags

C-His

Synonyms

FGF19

Background

Basic Information

Description

Recombinant Human FGF-19 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Phe27-Lys216) of human FGF-19 (Accession #NP_005108.1) fused with a 6×His tag at the C-terminus.

Bio-Activity

Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human FGF19 at 5 µg/mL (100 µL/well) can bind Recombinant Human FGFR4 with a linear range of 0.9-3.8 µg/mL.

Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt.

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.

Operational Notes

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

Product Information

Source

HEK293 cells

Purification

≥ 95 % as determined by SDS-PAGE.

Calculated MW

22.09 kDa

Observed MW

25 kDa

Endotoxin

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

Formulation

Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

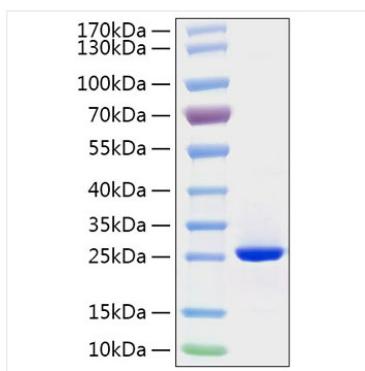
Reconstitution

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 free-thaw cycles.

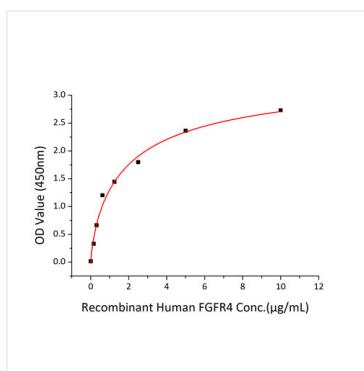
Contact

	400-999-6126
	cn.market@abclonal.com.cn
	www.abclonal.com.cn

Validation Data



Recombinant Human FGF-19 Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



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