

RP01231

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# Recombinant Human FGF-19 Protein

Catalog No.: RP01231

Recombinant

3 Publications

## Sequence Information

| Species      | Gene ID | Swiss Prot |
|--------------|---------|------------|
| HEK293 cells | 9965    | O95750     |

### Tags

C-His

### Synonyms

FGF19

## Product Information

| Source       | Purification       |
|--------------|--------------------|
| HEK293 cells | > 97% by SDS-PAGE. |

### 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.

## 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.

#### Storage

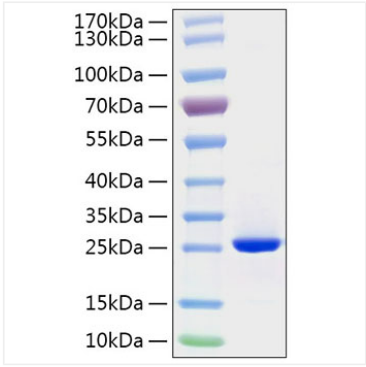
Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

## Contact

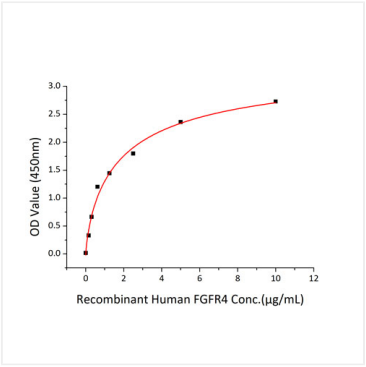


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Validation Data



Recombinant Human FGF-19 Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 25 kDa.



Immobilized Recombinant Human FGF19 at 5µg/mL (100 µL/well) can bind Recombinant Human FGFR4 with a linear range of 0.9-3.8 µg/mL.