

## Recombinant human FGF21 protein, N-mFc-Avi (HEK293)

Catalog Number: bs-47092P

Concentration: >0.5 mg/ml

AA Seq: 29-209/209

Predicted MW: 46.9

Detected MW: Due to glycosylation, the protein migrates to 52-60 kDa based on Tris-Bis PAGE result.

Tags: N-mFc-Avi

Activity: Not tested

Endotoxin: <1.0 EU/μg as determined by LAL

Purity: >95% as determined by Tris-Bis PAGE; >95% as determined by SEC-HPLC

Purification: AC

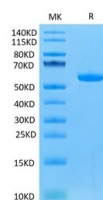
Form: Lyophilized

Storage: Lyophilized from 0.22μm filtered solution in PBS (pH7.4) with 5mM DTT. Normally 5% trehalose is added as protectant before Lyophilization.

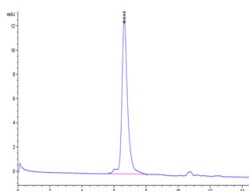
Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: FGF21 is a growth factor that is a member of the FGF family. Proteins of this family play a central role during prenatal development and postnatal growth and regeneration of a variety of tissues, by promoting cellular proliferation and differentiation. FGF21, in the presence of betaKlotho as a protein cofactor, signals through the FGFR 1c and 4 receptors and stimulates insulin independent glucose uptake by adipocytes.

### VALIDATION IMAGES



Recombinant Human FGF21 Protein on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Recombinant Human FGF21 Protein is greater than 95% as determined by SEC-HPLC.