HUMAN FGF21 PROTEIN, HFC TAG

Cat.#: 11557

Product Name: Human FGF21 Protein

Size : 10 µg, 50 µg and 100 µg

Synonyms: Fibroblast growth factor 21;FGF-21

Target: FGF21

UNIPROT ID: Q9NSA1

Description: Recombinant human FGF21 protein with C-terminal human Fc tag

Background: Theis gene encodes 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 encoded protein stimulates the uptake of glucose in adipose tissue. [provided by RefSeq, Mar 2016]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 45.5 kDa after removal of the signal peptide. The apparent molecular mass of FGF21-hFc is approximately 40-55 kDa due to glycosylation.

Molecular Characterization: FGF21(His29-Ser209) hFc(Glu99-Ala330)

Purity: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

Storage & Shipping: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

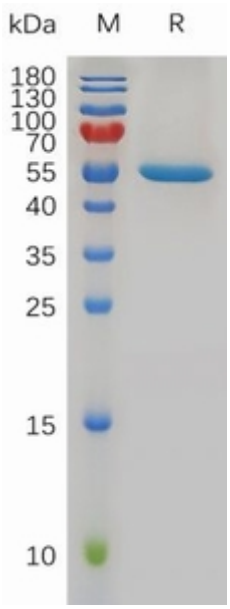

Figure 1. Human FGF21 Protein, hFc Tag on SDS-PAGE under reducing condition.