

HUMAN FGF21 PROTEIN, HFC TAG

目录: 11557

产品名称: Human FGF21 Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: Fibroblast growth factor 21;FGF-21

Target: FGF21

UNIPROT ID: Q9NSA1

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

背景: 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)

纯化: 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.

储存和运输: 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.

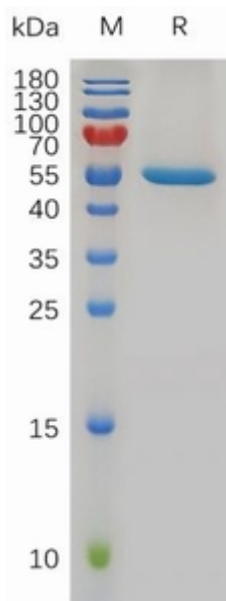


Figure 1. Human FGF21 Protein, hFc Tag on SDS-PAGE under reducing condition.