

PRODUCT INFORMATION

Target FGF21

Synonyms Fibroblast growth factor 21, FGF-21

Recombinant human FGF21 Protein with C-**Description**

terminal 10×His tag

Delivery In Stock **Uniprot ID** Q9NSA1 **Expression Host HEK293**

Tag C-10×His tag

Molecular

FGF21(His29-Ser209) 10×His tag Characterization

The protein has a predicted molecular mass of **Molecular Weight** 20.8 kDa after removal of the signal peptide.

The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before Formulation &

Reconstitution lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.

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 Storage & Shipping at -80°C (Avoid repeated freezing and thawing).

Lyophilized proteins are shipped at ambient

temperature.

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

Background 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]

Research use only Usage

Conjugate Unconjugated



Email: info@dimabio.com





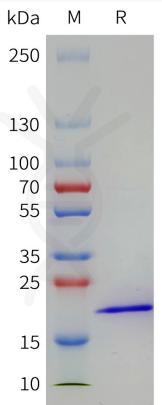
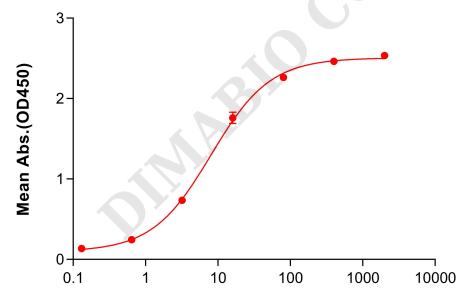


Figure 1. Human FGF21 Protein, His Tag on SDS-PAGE under reducing condition.

Human FGF21, His Tagged protein ELISA

0.2 μg of Human FGF21, His tagged protein per well



Anti-FGF21 antibody(19H8), IgG1 Chimeric mAb (ng/mL)

Figure 2. ELISA plate pre-coated by 2 μ g/mL (100 μ L/well) Human FGF21 Protein, His Tag (PME101791) can bind Anti-FGF21 antibody(19H8), IgG1 Chimeric mAb (DMC101231) in a linear range of 3.2–16 ng/mL.

