

Recombinant Pig FGF21 Protein, His&GST-tagged

Cat. No. FGF21-932P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pig FGF21 Protein (Arg28-Ser208) with His&GST tag was expressed in E. coli.
Species	Pig
Source	E.coli
ProteinLength	Arg28-Ser208
Description	This 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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 49.5 kDa; Accurate Molecular Mass: 50 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

FGF21 fibroblast growth factor 21 [*Sus scrofa* (pig)]

Official Symbol

FGF21

Synonyms

FGF21; fibroblast growth factor 21;

Gene ID

100302504

mRNA Refseq

NM_001163410

Protein Refseq

NP_001156882

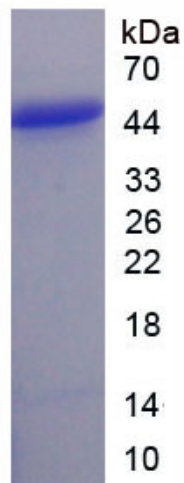
UniProt ID

C6JWG4

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