

Recombinant Rat Fgf21 Protein, His-tagged

Cat. No. Fgf21-1491R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fgf21 Protein (Ala29-Ala207) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Ala29-Ala207
Description	Predicted to enable fibroblast growth factor receptor binding activity and growth factor activity. Involved in several processes, including cellular response to glucagon stimulus; endothelial cell apoptotic process; and negative regulation of cell death. Located in extracellular space. Orthologous to human FGF21 (fibroblast growth factor 21).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 21.0 kDa Accurate Molecular Mass: 25 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 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 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Fgf21

Synonyms

FGF21; fibroblast growth factor 21;

Gene ID

170580

mRNA Refseq

NM_130752

Protein Refseq

NP_570108

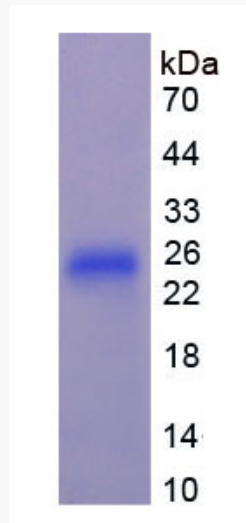
UniProt ID

Q9JJN1

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