

ARG70127 Human FGF21 recombinant protein (Active) (His-tagged, C-ter)

Package: 100 µg, 20 µg
Store at: -20°C

Summary

Product Description	E. coli expressed, His-tagged (C-ter) Active Human FGF21 recombinant protein
Tested Application	SDS-PAGE
Target Name	FGF21
Species	Human
A.A. Sequence	His29 - Ser209
Expression System	E. coli
Activity	Active
Activity Note	Determined by its ability to induce proliferation in BaF3 cells transfected with human FGFR11c. The ED50 for this effect is < 0.4 µg/mL.
Alternate Names	Fibroblast growth factor 21; FGF-21

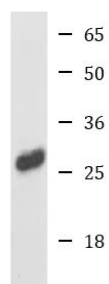
Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 98% (by SDS-PAGE)
Buffer	PBS (pH 8.0)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	FGF21
Gene Full Name	fibroblast growth factor 21
Background	The protein encoded by this gene is 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 including embryonic development, cell growth, morphogenesis, tissue repair, tumor growth and invasion. The function of this growth factor has not yet been determined. [provided by RefSeq, Jul 2008]
Function	Stimulates glucose uptake in differentiated adipocytes via the induction of glucose transporter SLC2A1/GLUT1 expression (but not SLC2A4/GLUT4 expression). Activity requires the presence of KLB. [UniProt]

Images



Human FGF21
recombinant protein

ARG70127 Human FGF21 recombinant protein (Active) (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70127 Human FGF21 recombinant protein (Active) (His-tagged, C-ter).