

Recombinant Human FGF-22 protein(His Tag)

Catalog Number:PKSH034161



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	Fibroblast growth factor 22;FGF22
Species	Human
Expression Host	E.coli
Sequence	Thr 23-Ser 170
Accession	Q9HCT0
Calculated Molecular Weight	29.4 kDa
Observed molecular weight	36 kDa
Tag	N-His-SUMO
Bioactivity	Measure by its ability to induce 3T3 cells proliferation.The ED ₅₀ for this effect is < 2 ng/mL.

Properties

Purity	> 98 % as determined by reducing SDS-PAGE.
Endotoxin	< 0.1 EU per µg of the protein as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS,pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

Background

Plays a role in the fasting response, glucose homeostasis, lipolysis and lipogenesis. Can stimulate cell proliferation (in vitro). May be involved in hair development.

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