

Human FGF16 recombinant protein



Catalog Number: 502046

General Information

Protein Construction

A DNA sequence encoding the cynomolgus FGF16 [(Identical to the human FGF16 (NP_003859.1)) (Met1-Arg207)] was expressed. Cynomolgus and human FGF16 sequences are identical.

Organism

Human

Expression Host

Baculovirus-Insect Cells

QC Testing

Activity

Measured in a cell proliferation assay using Balb/c 3T3 mouse embryonic fibroblasts.
The ED₅₀ for this effect is typically 5-15 ng/ml.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

< 1.0 EU per µg of the protein as determined by the LAL method

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant cynomolgus FGF16 consists of 207 amino acids and predicts a molecular mass of 23.8 KDa.

Formulation

Lyophilized from sterile 50 mM Tris, 1 M NaCl, pH 8.0.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

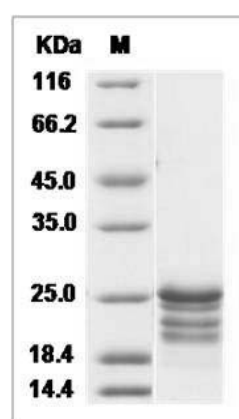
Storage

Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Human / Cynomolgus FGF16 / FGF-16 Protein
SDS-PAGE