

Active Recombinant Human, Cynomolgus FGF16 protein

Cat. No. FGF16-740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human, Cynomolgus FGF16 protein(NP_003859.1)(Met1-Arg207) was expressed in Insect Cells.
Species	Human/Cynomolgus
Source	Insect Cells
ProteinLength	Met1-Arg207
Form	Lyophilized from sterile 50 mM Tris, 1 M NaCl, pH 8.0. Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
Bio-activity	Measured in a cell proliferation assay using Balb/c 3T3 mouse embryonic fibroblasts. The ED50 for this effect is typically 10-50 ng/ml.
Molecular Mass	The recombinant human / cynomolgus FGF16 consists of 207 amino acids and predicts a molecular mass of 23.8 KDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C

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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

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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