

# Human / Cynomolgus FGF16 / FGF-16 Protein

Catalog Number: 16010-HNAB



Sino Biological  
Biological Solution Specialist

## General Information

### Gene Name Synonym:

FGF-16; MF4

### 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.

**Source:** Human

**Expression Host:** Baculovirus-Insect cells

## QC Testing

**Purity:** > 95 % as determined by SDS-PAGE

### Bio Activity:

Measured in a cell proliferation assay using Balb/c 3T3 mouse embryonic fibroblasts. The ED<sub>50</sub> for this effect is typically 5-15 ng/ml.

### 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.

Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Specific concentrations are included in the hardcopy of COA. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

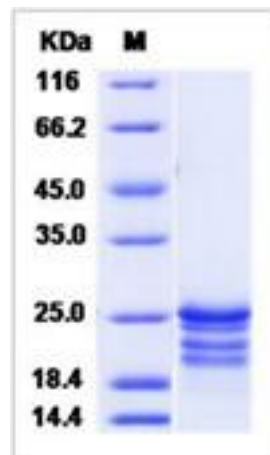
Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.

**Avoid repeated freeze-thaw cycles.**

### Reconstitution:

Detailed reconstitution instructions are sent along with the products.

## SDS-PAGE:



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