

## Recombinant Cynomolgus FGF1 protein(Phe16-Asp155)

Cat. No. FGF1-65C Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Cynomolgus FGF1 (Phe16-Asp155) was expressed and purified in E. coli with an initial Met.
<b>Species</b>	Cynomolgus
<b>Source</b>	E.coli
<b>ProteinLength</b>	16-155 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4, 20% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Bio-activity</b>	Measured in a cell proliferation assay using BALB/c 3T3 mouse fibroblasts. The ED50 for this effect is typically 0.1-0.4 ng/mL.
<b>Molecular Mass</b>	The recombinant cyno FGF1 consists of 141 amino acids and has a calculated molecular mass of 16 kDa. It migrates as an 16 KDa band in SDS-PAGE under reducing conditions.
<b>Purity</b>	> 95 % as determined by SDS-PAGE
<b>Storage</b>	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. 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.

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**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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