

Recombinant Cynomolgus FGF1 protein(Phe16-Asp155)

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

SPECIFICATION

Product Overview	Recombinant Cynomolgus FGF1 (Phe16-Asp155) was expressed and purified in E. coli with an initial Met.
Species	Cynomolgus
Source	E.coli
ProteinLength	16-155 a.a.
Form	Lyophilized from sterile PBS, pH 7.4, 20% glycerol. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	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.
Molecular Mass	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.
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. 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.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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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