

Active Recombinant Canine FGF1 protein

Cat. No. FGF1-159C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine FGF1 protein(XP_849274.1)(Phe16-Asp155) was expressed in E. coli.
Species	Canine
Source	E.coli
ProteinLength	Phe16-Asp155
Form	Lyophilized from sterile PBS, pH 7.4. 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 0.05-0.3 ng/ml.
Molecular Mass	The recombinant canine FGF1 comprises 141 amino acids and has a predicted molecular mass of 16 kDa. The apparent molecular mass of the protein is approximately 16 kDa in SDS-PAGE under reducing conditions.
Purity	> 90 % 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

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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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