

Active Recombinant Canine FGF9 protein, mFc-tagged

Cat. No. FGF9-170C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Canine FGF9 protein(NP_002001.1)(Leu4-Ser208), fused with mFc tag, was expressed in HEK293.
Species	Canine
Source	HEK293
ProteinLength	4-208 a.a.
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 fibroblasts. The ED50 for this effect is typically 5-30 ng/mL.
Molecular Mass	The recombinant canine FGF9 comprises 441 amino acids and has a predicted molecular mass of 49.8 kDa. The apparent molecular mass of the protein is approximately 50 kDa in SDS-PAGE under reducing conditions.
Proteinlength	Leu4-Ser208
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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Purity	> 75 % 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.
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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