

General Information

Protein Construction

A DNA sequence encoding the canine FGF14 (XP_003363267.1)(Lys64-Thr252) was expressed with a N-terminal Met.

Organism

Canine

Expression Host

E. coli

QC Testing

Activity

Immobilized canine FGF14 at 10 µg/ml (100 µl/well) can bind human FGFR4-Fc (Cat:501464) with a linear range of 0.16-2.5 µg/ml.

Purity

> 95 % as determined by SDS-PAGE

Endotoxin

Please contact us for more information.

Stability

Samples are stable for up to twelve months from date of receipt at -70°C

Predicted N terminal

Met

Molecular Mass

The recombinant canine FGF14 comprises 190 amino acids and has a predicted molecular mass of 21.1 kDa. The apparent molecular mass of the protein is approximately 21 kDa in SDS-PAGE under reducing conditions due to glycosylation.

Formulation

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

Usage Guide

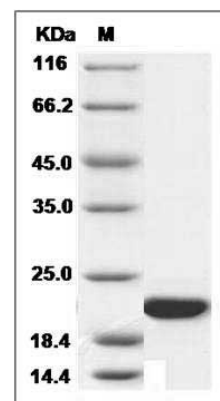
Storage

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

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

SDS-PAGE



Canine FGF14 / SCA27 Protein SDS-PAGE