

Recombinant Canine FGF12 protein(Glu2-Thr181)

Cat. No. FGF12-434C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant canine FGF12 (Glu2-Thr181) was expressed in E. coli with a N-terminal Met.
Species	Canine
Source	E.coli
ProteinLength	2-181 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant canine FGF12 comprises 181 amino acids and has a predicted molecular mass of 20.4 kDa. The apparent molecular mass of the protein is approximately 20 kDa in SDS-PAGE under reducing conditions due to glycosylation.
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 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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GENE INFORMATION

Gene Name	FGF12 fibroblast growth factor 12 [Canis lupus familiaris (dog)]
Official Symbol	FGF12
Synonyms	FGF12; fibroblast growth factor 12
Gene ID	478676
mRNA Refseq	XM_003434129
Protein Refseq	XP_003434177

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