

Recombinant Canine GFRA1, His tagged

Cat. No. GFRA1-298C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine GFRA1 (XP_852087.1) (Met1-Ser429), fused with a C-terminal polyhistidine tag, was produced in Human Cells.
Species	Canine
Source	Human Cells
ProteinLength	1-429 a.a.
Predicted N Terminal	Asp 25
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant canine GFRA1 comprises 416 amino acids and has a predicted molecular mass of 46.8 kDa. The apparent molecular mass of the protein is approximately 54-58 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.

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Storage

Store it under sterile conditions at -20oC~-70oC. 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. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION
Gene Name

GFRA1?GDNF family receptor alpha 1 [?Canis lupus familiaris(dog)]

Official Symbol

GFRA1

Gene ID

609114

mRNA Refseq

XM_005637762

Protein Refseq

XP_005637819

**Chromosome
Location**

28

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