

Recombinant Canine GUCY2C protein(Met1-Gln430), His-tagged

Cat. No. GUCY2C-1147C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Canine GUCY2C (F1PAG3) (Met1-Gln430) was expressed in HEK293 with a polyhistidine tag at the C-terminus.
Species	Canine
Source	HEK293
ProteinLength	Met1-Gln430
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 GUCY2C consists of 421 amino acids and predicts a molecular mass of 47.9 kDa. It migrates as an approximately 84.32 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % 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.

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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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