

Active Recombinant Cynomolgus GUCY2C protein, His-tagged, Low Endotoxin

Cat. No. GUCY2C-449C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus GUCY2C protein(XP_005570270.1)(24-430 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	24-430 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus GUCY2C, His Tag at 5µg/ml (100µl/Well) on the plate. Dose response curve for Anti-GUCY2C Antibody, hFc Tag with the EC50 of 33.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 47.2 kDa. Due to glycosylation, the protein migrates to 60-75 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3

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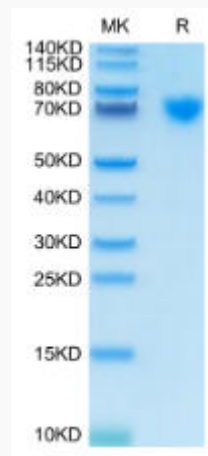
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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

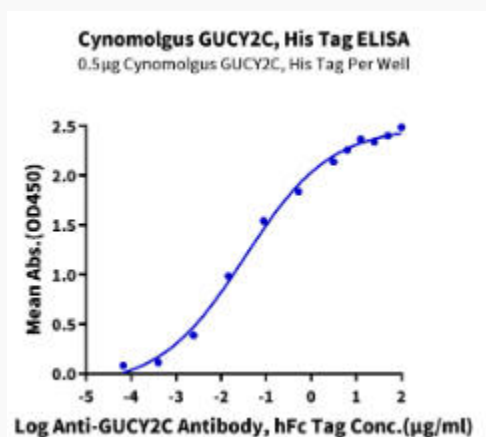
Reconstitution

Dissolve the lyophilized protein in distilled water.

Bis-Tris PAGE



ELISA Data



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