

Active Recombinant Cynomolgus GPC3 protein, His-tagged, Low Endotoxin

Cat. No. GPC3-1515C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus GPC3 protein(XP_005594665.1)(25-559 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	25-559 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 GPC3, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-GPC3 Antibody, hFc Tag with the EC50 of 4.6ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 61.8 kDa. Due to glycosylation, the protein migrates to 30-31 kDa, 38-42 kDa and 65-80 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; > 90% 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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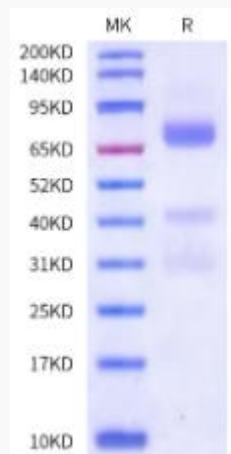
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months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

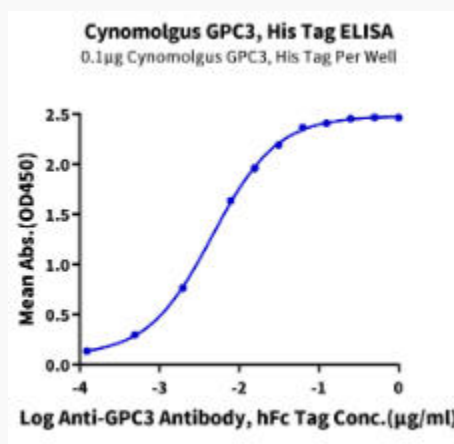
Reconstitution

Dissolve the lyophilized protein in distilled water.

Bis-Tris PAGE



ELISA Data



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