

Recombinant Cynomolgus GFRAL protein, His-Avi-tagged

Cat. No. GFRAL-4633C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus GFRAL protein(XP_015304775.2)(Gln20-Glu351), fused with N-terminal His and Avi tag, was expressed in HEK293.
Species	Cynomolgus
Source	HEK293
ProteinLength	Gln20-Glu351
Tag	N-His-Avi
Form	Lyophilized from 0.22µm filtered solution in 20mM PB, 0.4M NaCl (pH 6.0). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus GFRAL, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Cynomolgus GDF15, hFc Tag with the EC50 of 3.5ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 40.7 kDa. Due to glycosylation, the protein migrates to 50-70 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

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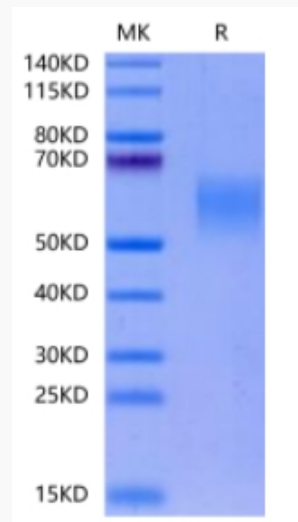
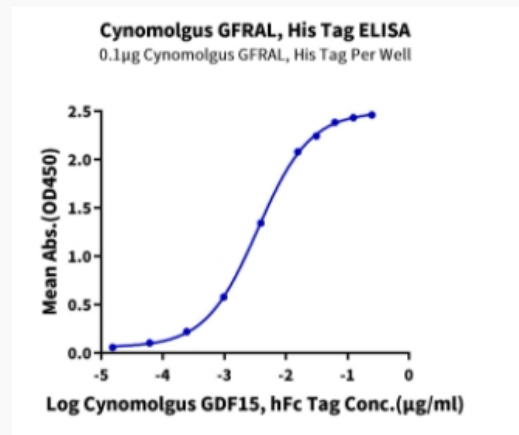
 45-1 Ramsey Road, Shirley, NY 11967, USA

Storage

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

Reconstitution

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in 20mM PB, 0.4M NaCl (pH 6.0).

Tris-Bis PAGE

ELISA Data


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