

Recombinant Cynomolgus GDF15 protein, His-tagged

Cat. No. GDF15-1693C Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Cynomolgus GDF15 protein(G7PWZ3)(Arg193-Val308), fused with N-terminal His tag, was expressed in E.coli.
Species	Cynomolgus
Source	N-His
ProteinLength	Arg193-Val308
Tag	N-His
Form	Lyophilized from 0.22µm filtered solution in 50mM HAc (pH 2.9). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Cynomolgus GDF15, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Cynomolgus GFRAL, His Tag with the EC50 of 101.8ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 14.15 kDa. The protein migrates to 15-18 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.

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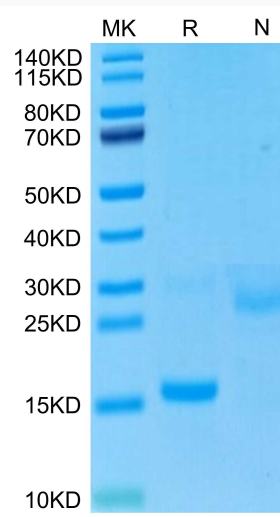
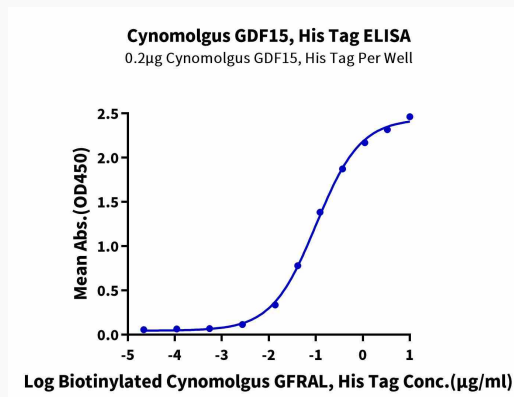
 45-1 Ramsey Road, Shirley, NY 11967, USA

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 50mM HAc (pH 2.9).

Tris-Bis PAGE

ELISA


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