

# Cynomolgus FGL2 Protein

Cat. No. FGL-CM612



## Description

<b>Source</b>	Recombinant Cynomolgus FGL2 Protein is expressed from HEK293 with His tag and Avi tag and Flag tag at the N-Terminus. It contains Val205-Pro439.
<b>Accession</b>	A0A2K5WID3
<b>Molecular Weight</b>	The protein has a predicted MW of 31.40 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE

## Formulation and Storage

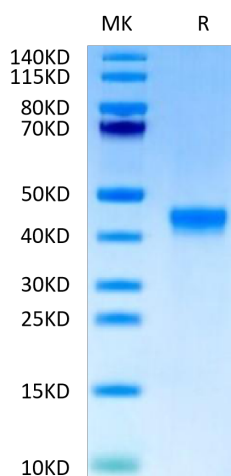
<b>Formulation</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
<b>Reconstitution</b>	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
<b>Storage</b>	-20 to -80°C for 12 months as supplied from date of receipt. -20 to -80°C for 3-6 months in unopened state after reconstitution. 2-8°C for 2-7 days after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## Background

Fibrinogen-like protein 2 (FGL2) is a member of the fibrinogen-like protein family and possesses important regulatory functions in both innate and adaptive immune responses. FGL2 is overexpressed in glioma, and its expression level is negatively associated with the prognosis of glioma patients.

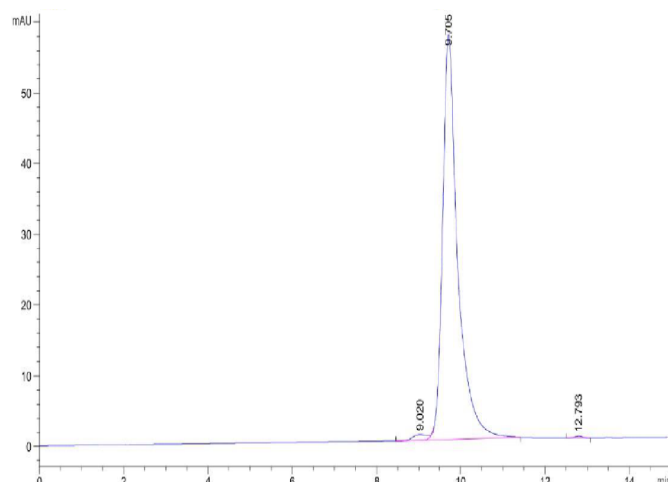
## Assay Data

### Tris-Bis PAGE



Cynomolgus FGL2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### SEC-HPLC



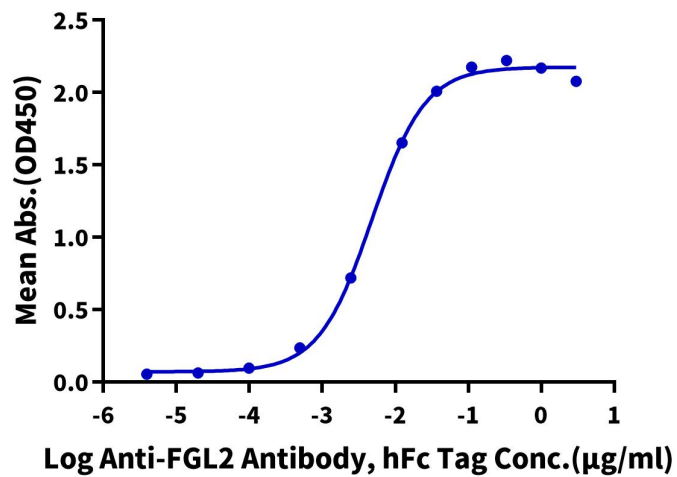
The purity of Cynomolgus FGL2 is greater than 95% as determined by SEC-HPLC.

Assay Data

ELISA Data

**Cynomolgus FGL2, His Tag ELISA**

0.1µg Cynomolgus FGL2, His Tag Per Well



Immobilized Cynomolgus FGL2, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Anti-FGL2 Antibody, hFc Tag with the EC50 of 4.8ng/ml determined by ELISA.