Cynomolgus FGL2 Protein

Cat. No. FGL-CM612

Description

Source	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.
Accession	A0A2K5WID3
Molecular Weight	The protein has a predicted MW of 31.40 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE
	> 95% as determined by HPLC

Formulation and Storage

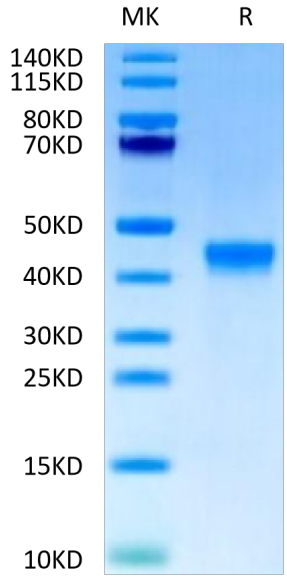
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Dissolve the lyophilized protein in distilled water. Please refer to the Certificate of Analysis for detailed instructions.
Storage	-20 to -80°C for 12 months as supplied from date of receipt.-80°C for 3 months 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

Bis-Tris PAGE



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

SEC-HPLC

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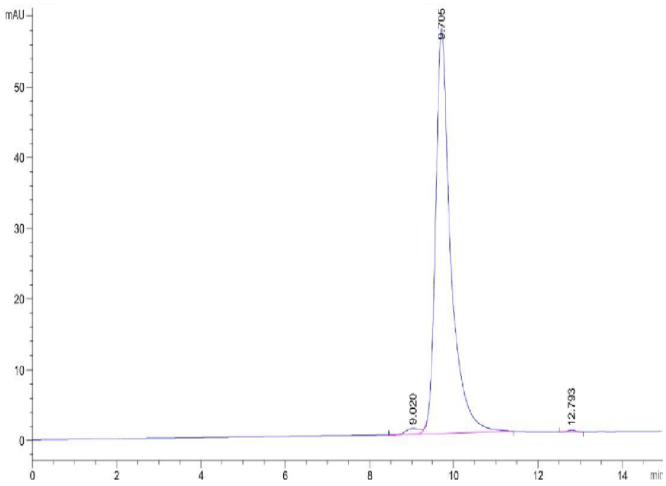
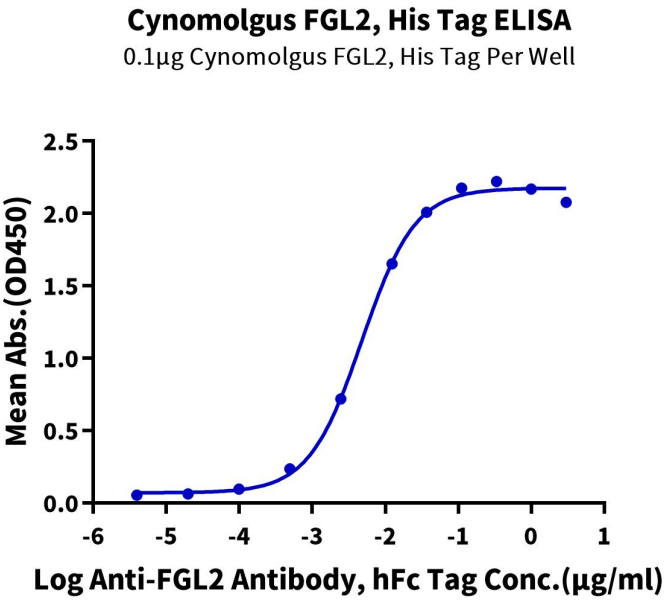
Assay Data



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

ELISA Data



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.