Cynomolgus FGL1 Protein

Cat. No. FGL-CM211

Description

Source	Recombinant Cynomolgus FGL1 Protein is expressed from HEK293 with hFc at the N-Terminus.
	It contains Leu23-Ile312.
Accession	G7N0K6-1
Molecular Weight	The protein has a predicted MW of 55.5 kDa. Due to glycosylation, the protein migrates to 62-68 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

Formulation and Storage

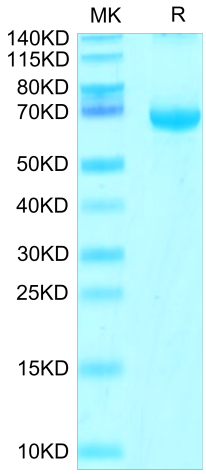
Formulation	Lyophilized from 0.22μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Reconstitution	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μg/ml is recommended. Dissolve the lyophilized protein in distilled water.
Storage	-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 1 (FGL-1) is a protein that is structurally related to fibrinogen. In humans, FLG-1 is encoded by the FGL1 gene.Fibrinogen-like protein 1 is a member of the fibrinogen family of proteins, which also includes fibrinogen, fibrinogen-like protein 2, and clotting factors V, VIII, and XIII.Fibrinogen-like Protein 1 is a major immune inhibitory ligand of LAG-3.

Assay Data

Tris-Bis PAGE



Cynomolgus FGL1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

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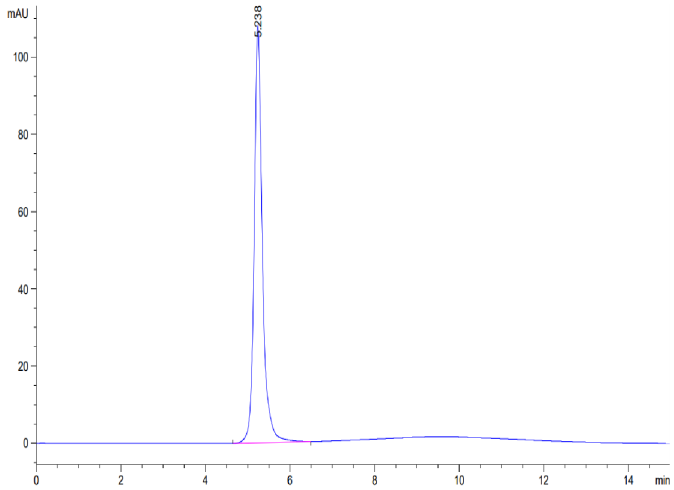
Assay Data



The purity of Cynomolgus FGL1 is greater than 95% as determined by SEC-HPLC.