

Recombinant Cynomolgus Fibrinogen like 1/FGL1 Protein

Catalog No.: RP02722

Sequence Information

Species **Gene ID**
Cynomolgus

Swiss Prot **Tags**
G7N0K6-1 N-hFc

Synonyms

FGL1; FGL-1; Hepassocin; HP-041; HFREP-1; LFIRE-1; HFREP1; Lag3 ligand

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as determined by Tris-Bis PAGE; ≥ 95 % as determined by HPLC.

Calculated MW **Observed MW**
55.5 kDa 62-68 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Reconstitution

Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-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.

Basic Information

Description

Recombinant Cynomolgus Fibrinogen like 1/FGL1 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Leu23-Ile312) of Cynomolgus Fibrinogen like 1/FGL1 (Accession #) fused with hFc at the N-terminal.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

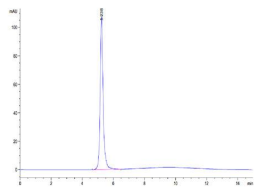
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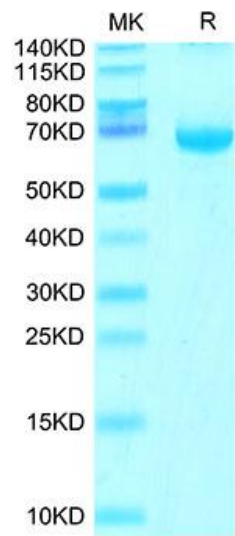
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Validation Data



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



Recombinant Cynomolgus Fibrinogen like 1/FGL1 Protein was determined by Tris-Bis PAGE under reducing conditions.