

For Research Use Only

Recombinant Human Fibrinogen Alpha Chain protein (rFc Tag)



Catalog Number: Eg4643

Basic Information

Species:
Human

Purity:
>95 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:

>95 %, SDS-PAGE

Endotoxin Level:

<0.1 EU/ μ g protein, LAL method

Source:

HEK293-derived Human Fibrinogen Alpha Chain protein Lys620-Gln866 (Accession# P02671-1) with a rabbit IgG Fc tag at the N-terminus

GeneID:

2243

Accession:

P02671-1

Predicted Molecular Mass:

55.1 kDa

SDS-PAGE:

60-65 kDa, reducing (R) conditions

Formulation:

Lyophilized from 0.22 μ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

Biological Activity

Not tested

Storage and Shipping

Storage:

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

Shipping:

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

Background

Fibrinogen is a soluble plasma glycoprotein synthesized in the liver. It is composed of two sets of three structurally different subunits: alpha (FGA), beta (FGB), gamma (FGG). Fibrinogen is converted by thrombin into fibrin during blood coagulation. Fibrinogen and fibrin play overlapping roles in blood clotting, fibrinolysis, cellular and matrix interactions, the inflammatory response, wound healing, and neoplasia.

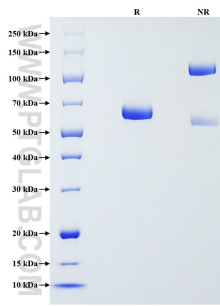
References

Mosesson, M W. Journal of thrombosis and haemostasis : JTH vol. 3,8 (2005): 1894-904.

Synonyms

FGA, Fib2, Fibrinopeptide A

Selected Validation Data



Purity of Recombinant Human Fibrinogen Alpha Chain was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

T: 027-87531629

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.