

Datasheet for ABIN7275642

**alpha 2 Antiplasmin Protein (AA 27-490) (His tag)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	alpha 2 Antiplasmin (SERPINF2)
Protein Characteristics:	AA 27-490
Origin:	Cynomolgus
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This alpha 2 Antiplasmin protein is labelled with His tag.

## Product Details

Purpose:	Cynomolgus SERPINF2/A2AP Protein
Sequence:	Met27-Lys490
Characteristics:	Recombinant Cynomolgus SERPINF2/A2AP Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Met27-Lys490.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.
Biological Activity Comment:	Immobilized Cynomolgus SERPINF2, His Tag at 1 µg/ml (100 µl/Well) on the plate. Dose response curve for Anti-SERPINF2 Antibody, hFc Tag with the EC50 of 0.29 µg/ml determined by ELISA. See testing image for detail.

## Target Details

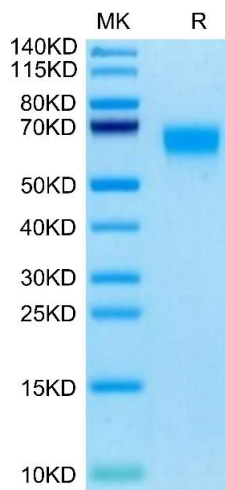
Target:	alpha 2 Antiplasmin (SERPINF2)
Alternative Name:	SERPINF2 ( <a href="#">SERPINF2 Products</a> )
Background:	Large-pool solvent/detergent (SD) plasma for transfusion exhibits reduced alpha 2-antiplasmin (alpha2-AP, SERPINF2) functional activity. The reason for the loss of alpha2-AP has not been described and could be due to the SD incubation itself and/or to the processing steps implemented to remove the solvent and the detergent.
Molecular Weight:	52.83 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Tris-Bis PAGE result.
UniProt:	<a href="#">A0A2K5WNU6</a>
Pathways:	<a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months 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.
Expiry Date:	12 months

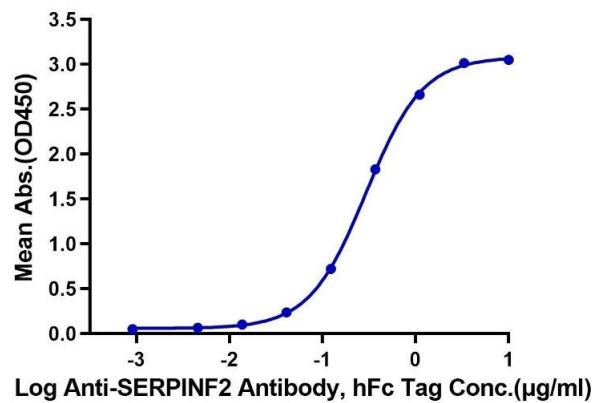


SDS-PAGE

**Image 1.** Cynomolgus SERPINF2 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .

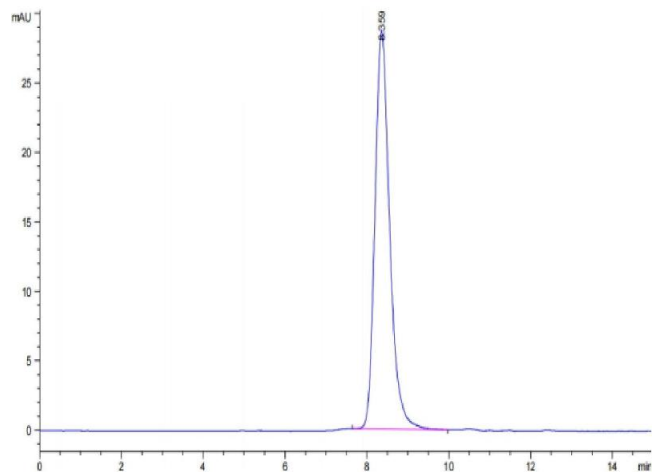
Cynomolgus SERPINF2, His Tag ELISA

0.1µg Cynomolgus SERPINF2, His Tag Per Well



ELISA

**Image 2.** Immobilized Cynomolgus SERPINF2, His Tag at 1 µg/mL (100 µL/Well) on the plate. Dose response curve for Anti-SERPINF2 Antibody, hFc Tag with the EC50 of 0.29 µ g/mL determined by ELISA.



Size-exclusion chromatography-High Pressure Liquid Chromatography

**Image 3.** The purity of Cynomolgus SERPINF2 is greater than 95 % as determined by SEC-HPLC.