

Human SERPINF2/A2AP Protein, Ultra Low Endotoxin



Cat. No. SPF-HM101-UL

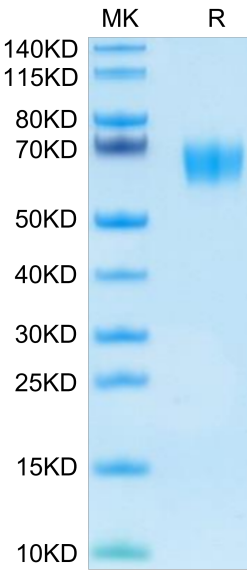
Description	
Source	Recombinant Human SERPINF2/A2AP Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Met28-Lys491.
Accession	P08697-1
Molecular Weight	The protein has a predicted MW of 52.9 kDa. Due to glycosylation, the protein migrates to 60-70 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.001 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 90% 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 24 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	
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.	

Assay Data

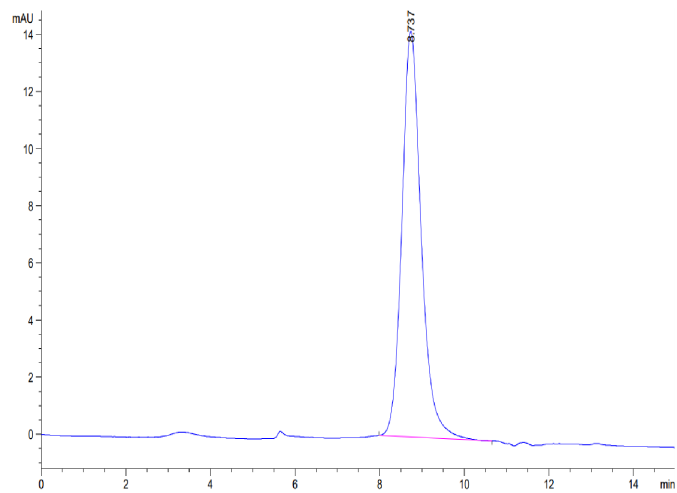
Bis-Tris PAGE



Human SERPINF2 on Bis-Tris PAGE under reduced condition. The purity is greater than 95%.

SEC-HPLC

Assay Data

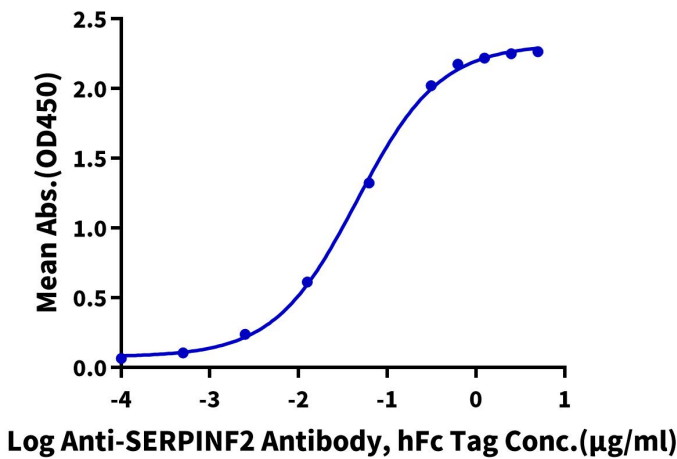


The purity of Human SERPINF2 is greater than 90% as determined by SEC-HPLC.

ELISA Data

Human SERPINF2, His Tag ELISA

0.5µg Human SERPINF2, His Tag Per Well



Immobilized Human SERPINF2, His Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Anti-SERPINF2 Antibody, hFc Tag with the EC50 of 45.5ng/ml determined by ELISA (QC Test).