

# Mouse SERPINF2/A2AP Protein

Cat. No. SPF-MM101

## Description

<b>Source</b>	Recombinant Mouse SERPINF2/A2AP Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val28-Lys491.
<b>Accession</b>	Q61247
<b>Molecular Weight</b>	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.
<b>Endotoxin</b>	Less than 1EU per $\mu\text{g}$ by the LAL method.
<b>Purity</b>	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC

## Formulation and Storage

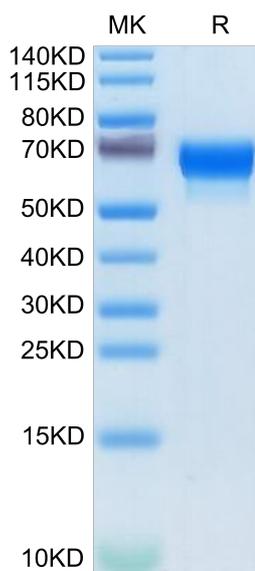
<b>Formulation</b>	Supplied as 0.22 $\mu\text{m}$ filtered solution in PBS (pH 7.4).
<b>Storage</b>	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

## 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.

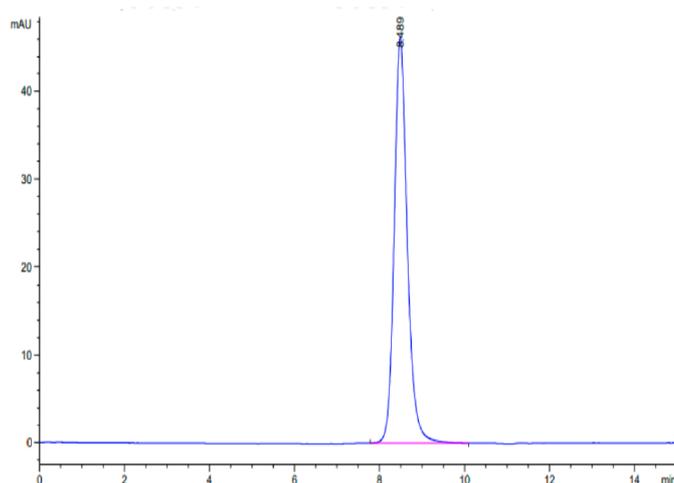
## Assay Data

### Bis-Tris PAGE



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

### SEC-HPLC



The purity of Mouse SERPINF2 is greater than 95% as determined by SEC-HPLC.