

Alpha 2 Antiplasmin, Human Plasma recombinant protein
Alpha-2-plasmin inhibitor, SERPINF2, AAP, PLI
Catalog # PBV10919r**Specification**

Alpha 2 Antiplasmin, Human Plasma recombinant protein - Product info

Primary Accession [P08697](#)
Calculated MW **70 kDa KDa**

Alpha 2 Antiplasmin, Human Plasma recombinant protein - Additional Info

Gene ID **5345**
Gene Symbol **SERPINF2**
Other Names
Alpha-2-plasmin inhibitor, SERPINF2, AAP, PLI

Gene Source **Human**
Source **Human Plasma**
Assay&Purity **SDS-PAGE; ≥95%**
Assay2&Purity2 **N/A;**
Recombinant **No**
Target/Specificity
SERPINF2

Application Notes

In water or aqueous buffer

Format

Lyophilized

Storage

-20°C; Lyophilized from 20 mM Bis-Tris, pH 6.4, with 200 mM NaCl.

Alpha 2 Antiplasmin, Human Plasma recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Alpha 2 Antiplasmin, Human Plasma recombinant protein - Images**Alpha 2 Antiplasmin, Human Plasma recombinant protein - Background**

Alpha 2 Antiplasmin is a member of the Serpin superfamily and the primary physiological inhibitor of the serine protease plasmin, which is responsible for the dissolution of fibrin clots. In addition to plasmin, it is also an efficient inhibitor of trypsin and chymotrypsin. Liver and kidney are major sites of its production and other tissues such as muscle, intestine, central nervous system, and placenta also express its mRNA at a moderate level. The tissue expression pattern indicates that it is a key regulator of plasmin mediated proteolysis in these tissues. Alpha-Antiplasmin-deficiency is a rare coagulation disorder which allows unrestrained fibrinolytic activity. Individuals with this condition may receive therapeutic A2AP prior to surgery to prevent postoperative hemorrhaging.

Alpha 2 Antiplasmin, Human Plasma recombinant protein - References

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Hirosawa S.,et al.Proc. Natl. Acad. Sci. U.S.A. 86:1612-1613(1989).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
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