

## Product datasheet for **BA673**

### Alpha-2-antiplasmin / SERPINF2 Human Protein

#### Product data:

Product Type:	Native Proteins
Description:	Alpha-2-antiplasmin / SERPINF2 human protein, 0.1 mg
Species:	Human
Protein Source:	Plasma
Predicted MW:	70 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Lyophilized purified fraction (>95% pure by SDS-PAGE). Buffer System: 20 mM BIS-Tris, pH 6.4 containing 200 mM Sodium chloride and no preservative.
Bioactivity:	Specific: 13.05 IU/mg
Reconstitution Method:	Restore with 31 µl distilled water.
Preparation:	Lyophilized purified fraction (>95% pure by SDS-PAGE).
Protein Description:	Human Alpha 2 Antiplasmin Efficiently inhibits the plasminogen-activator-induced lysis of fibrin clots. Found in plasma in about 70 µg/ml.
Note:	Caution: All human source materials have tested negative for HIV1, HIV2, HBc, HCV antibodies and HBsAg by FDA approved tests. No test guarantees a product to be non-infectious. Therefore, all material derived from human fluids or tissues should be considered as potentially infectious.
Storage:	Store the antigen at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<a href="#">NP_000925</a>
Locus ID:	5345
Cytogenetics:	17p13.3
Synonyms:	A2AP; AAP; ALPHA-2-PI; alpha2AP; API; PLI



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<b>Summary:</b>	This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in this gene result in alpha-2-plasmin inhibitor deficiency, which is characterized by severe hemorrhagic diathesis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009]
<b>Protein Families:</b>	Druggable Genome, Secreted Protein
<b>Protein Pathways:</b>	Complement and coagulation cascades