

## Product datasheet for **TP762699**

### Alpha 2 Antiplasmin (SERPINF2) (NM\_000934) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2 (SERPINF2), transcript variant 1
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Asn40-End) of SERPINF2
Tag:	C-His
Predicted MW:	50.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_000925</a>
Locus ID:	5345
UniProt ID:	<a href="#">P08697</a>
RefSeq Size:	2284
Cytogenetics:	17p13.3
RefSeq ORF:	1473
Synonyms:	A2AP; AAP; ALPHA-2-PI; alpha2AP; API; PLI



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**Summary:**

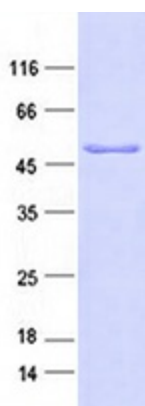
This gene encodes a member of the serpin family of serine protease inhibitors. The protein is a major inhibitor of plasmin, which degrades fibrin and various other proteins. Consequently, the proper function of this gene has a major role in regulating the blood clotting pathway. Mutations in this gene 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]

**Protein Families:**

Druggable Genome, Secreted Protein

**Protein Pathways:**

Complement and coagulation cascades

**Product images:**

Purified recombinant protein SERPINF2 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.