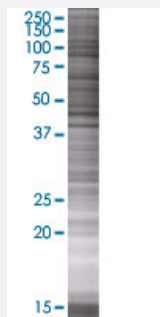


SERPINF2 293T Cell Transient Overexpression Lysate(Denatured)

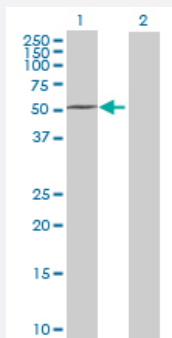
Catalog # H00005345-T01 Size 100 uL

Applications



SDS-PAGE Gel

SERPINF2 transfected lysate.



Western Blot

Lane 1: SERPINF2 transfected lysate (54.12 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SERPINF2 full-length
Host	Human
Theoretical MW (kDa)	54.12
Interspecies Antigen Sequence	Mouse (74); Rat (73)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SERPINF2 antibody ([H00005345-B01](#)) by Western Blots.
SDS-PAGE Gel
SERPINF2 transfected lysate.
Western Blot
Lane 1: SERPINF2 transfected lysate (54.12 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — SERPINF2

Entrez GeneID[5345](#)**GeneBank Accession#**[BC031592.1](#)**Protein Accession#**[AAH31592.1](#)**Gene Name**

SERPINF2

Gene Alias

A2AP, AAP, ALPHA-2-PI, API, PLI

Gene Description

serpin peptidase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2

Omim ID[262850](#)**Gene Ontology**[Hyperlink](#)**Gene 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]

Other Designations

alpha-2-antiplasmin|alpha-2-plasmin inhibitor|serine (or cysteine) proteinase inhibitor, clade F (alpha-2 antiplasmin, pigment epithelium derived factor), member 2

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Alzheimer disease](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)