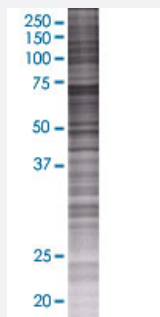


# SERPIND1 293T Cell Transient Overexpression Lysate(Denatured)

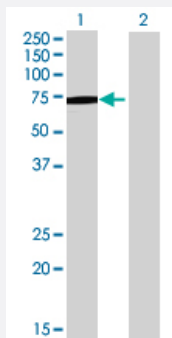
Catalog # H00003053-T01      Size 100 uL

## Applications



### SDS-PAGE Gel

SERPIND1 transfected lysate.



### Western Blot

Lane 1: SERPIND1 transfected lysate ( 55 KDa)

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-SERPIND1 full-length
Host	Human
Theoretical MW (kDa)	55
Interspecies Antigen Sequence	Mouse (82); Rat (82)

## Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SERPIND1 antibody ([H00003053-B01](#)) by Western Blots.  
SDS-PAGE Gel  
SERPIND1 transfected lysate.  
Western Blot  
Lane 1: SERPIND1 transfected lysate ( 55 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 — SERPIND1

## Entrez GeneID

[3053](#)

## GeneBank Accession#

[BC035028.2](#)

## Protein Accession#

[AAH35028.1](#)

## Gene Name

SERPIND1

## Gene Alias

D22S673, HC2, HCF2, HCII, HLS2, LS2

## Gene Description

serpin peptidase inhibitor, clade D (heparin cofactor), member 1

## Omim ID

[142360](#)

## Gene Ontology

[Hyperlink](#)

## Gene Summary

The product encoded by this gene is a serine proteinase inhibitor which rapidly inhibits thrombin in the presence of dermatan sulfate or heparin. The gene contains five exons and four introns. This protein shares homology with antithrombin III and other members of the alpha 1-antitrypsin superfamily. Mutations in this gene are associated with heparin cofactor II deficiency. [provided by RefSeq]

## Other Designations

heparin cofactor III|userpin 2|serine (or cysteine) proteinase inhibitor, clade D (heparin cofactor), member 1

## Pathway

- [Complement and coagulation cascades](#)

## Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)