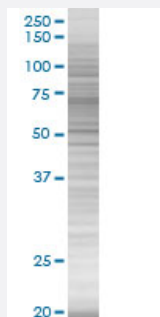


SERPING1 293T Cell Transient Overexpression Lysate(Denatured)

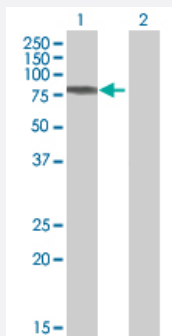
Catalog # H00000710-T01 Size 100 uL

Applications



SDS-PAGE Gel

SERPING1 transfected lysate.



Western Blot

Lane 1: SERPING1 transfected lysate (55.2 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SERPING1 full-length
Host	Human
Theoretical MW (kDa)	55.2
Interspecies Antigen Sequence	Mouse (69); Rat (67)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SERPING1 antibody ([H00000710-B01](#)) by Western Blots.
SDS-PAGE Gel
SERPING1 transfected lysate.
Western Blot
Lane 1: SERPING1 transfected lysate (55.2 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 — SERPING1

Entrez GeneID

[710](#)

GeneBank Accession#

[BC011171.2](#)

Protein Accession#

-

Gene Name

SERPING1

Gene Alias

C1IN, C1INH, C1NH, HAE1, HAE2

Gene Description

serpin peptidase inhibitor, clade G (C1 inhibitor), member 1

Omim ID

[106100 606860](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene encodes a highly glycosylated plasma protein involved in the regulation of the complement cascade. Its protein inhibits activated C1r and C1s of the first complement component and thus regulates complement activation. Deficiency of this protein is associated with hereditary angioedema (HANE). Alternative splicing results in multiple transcript variants encoding the same isoform. [provided by RefSeq]

Other Designations

complement component 1 inhibitor|plasma protease C1 inhibitor|serine/cysteine proteinase inhibitor clade G member 1

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Acute Disease](#)
- [Birth Weight](#)
- [Choroid Diseases](#)
- [Choroidal Neovascularization](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Meningococcal Infections](#)
- [Otitis Media](#)
- [Ovarian Neoplasms](#)
- [Recurrence](#)