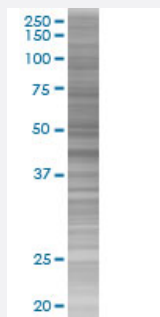


# SERPINA3 293T Cell Transient Overexpression Lysate(Denatured)

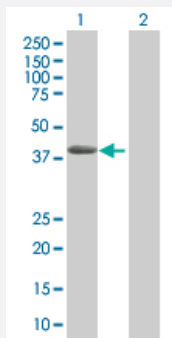
Catalog # H00000012-T01      Size 100 uL

## Applications



### SDS-PAGE Gel

SERPINA3 transfected lysate.



### Western Blot

Lane 1: SERPINA3 transfected lysate ( 47.7 KDa)

Lane 2: Non-transfected lysate.

## Specification

|                               |                           |
|-------------------------------|---------------------------|
| Transfected Cell Line         | 293T                      |
| Plasmid                       | pCMV-SERPINA3 full-length |
| Host                          | Human                     |
| Theoretical MW (kDa)          | 47.7                      |
| Interspecies Antigen Sequence | Mouse (58); Rat (61)      |

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-SERPINA3 antibody ([H00000012-B01](#)) by Western Blots.  
SDS-PAGE Gel  
SERPINA3 transfected lysate.  
Western Blot  
Lane 1: SERPINA3 transfected lysate ( 47.7 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 — SERPINA3

**Entrez GeneID**[12](#)**GeneBank Accession#**[NM\\_001085.4](#)**Protein Accession#**

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**Gene Name**

SERPINA3

**Gene Alias**

AACT, ACT, GIG24, GIG25, MGC88254

**Gene Description**

serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3

**Omim ID**[107280](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is a plasma protease inhibitor and member of the serine protease inhibitor class. Polymorphisms in this protein appear to be tissue specific and influence protease targeting. Variations in this protein's sequence have been implicated in Alzheimer's disease, and deficiency of this protein has been associated with liver disease. Mutations have been identified in patients with Parkinson disease and chronic obstructive pulmonary disease. [provided by RefSeq]

**Other Designations**

alpha-1-antichymotrypsin|antichymotrypsin|growth-inhibiting protein 24|growth-inhibiting protein 25|serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 3|serine (or cysteine) proteinase inhibitor, clade A, memb

## Disease

- [Acute Disease](#)
- [alpha 1-Antitrypsin Deficiency](#)
- [Alpha-1-antitrypsin deficiency](#)
- [Alzheimer disease](#)
- [Aneurysm](#)
- [Asthma](#)
- [Brain Ischemia](#)
- [Bronchial Hyperreactivity](#)
- [Cardiovascular Diseases](#)
- [Cerebral Amyloid Angiopathy](#)
- [Cerebral Hemorrhage](#)
- [Cerebrovascular Accident](#)
- [Chronic Disease](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Cystic fibrosis](#)
- [Dementia](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Encephalitis](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhage](#)
- [Hypercholesterolemia](#)

- [Hypersensitivity](#)
- [Hypertension](#)
- [Inflammation](#)
- [Intracranial Aneurysm](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Macular Degeneration](#)
- [Mental Status Schedule](#)
- [Metabolic Syndrome X](#)
- [Multiple System Atrophy](#)
- [Myocardial Infarction](#)
- [Myocardial Ischemia](#)
- [Myositis](#)
- [Neoplasms](#)
- [Neuropsychological Tests](#)
- [Osteoarthritis](#)
- [Osteoporosis](#)
- [Pancreatitis](#)
- [Parkinson disease](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Pulmonary Emphysema](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)

- [Vasculitis](#)
- [Wegener Granulomatosis](#)