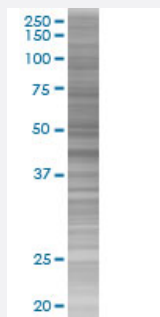


SERPINA3 293T Cell Transient Overexpression Lysate(Denatured)

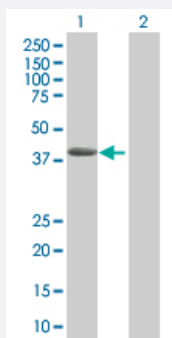
Catalog # H00000012-T01 Size 100 uL

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#

-

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](#)