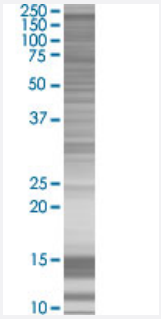
A2M 293T Cell Transient Overexpression Lysate(Denatured)

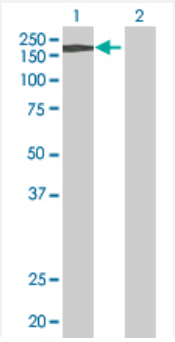
Catalog # H00000002-T01 Size 100 uL

Applications



SDS-PAGE Gel

A2M transfected lysate.



Western Blot

Lane 1: A2M transfected lysate (163.3 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-A2M full-length
Host	Human
Theoretical MW (kDa)	163.3
Interspecies Antigen Sequence	Mouse (72); Rat (73)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-A2M antibody (H00000002-B01) by Western Blots. SDS-PAGE Gel A2M transfected lysate. Western Blot Lane 1: A2M transfected lysate (163.3 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 — A2M

Entrez GeneID	2
GeneBank Accession#	BC040071.1
Protein Accession#	-
Gene Name	A2M
Gene Alias	CPAMD5, DKFZp779B086, FWP007, S863-7
Gene Description	alpha-2-macroglobulin
Omim ID	103950 104300
Gene Ontology	Hyperlink
Gene Summary	Alpha-2-macroglobulin is a protease inhibitor and cytokine transporter. It inhibits many proteases, including trypsin, thrombin and collagenase. A2M is implicated in Alzheimer disease (AD) due to its ability to mediate the clearance and degradation of A-beta, the major component of beta-amyloid deposits. [provided by RefSeq
Other Designations	-

Pathway

- Complement and coagulation cascades

Disease

- Alzheimer disease
- Amyloidosis
- Arthritis
- Cardiovascular Diseases
- Cognition Disorders
- Dementia
- Diabetes Complications
- Diabetes Mellitus
- Disease Progression
- Diseases in Twins
- Edema
- Essential tremor
- Genetic Predisposition to Disease
- Hepatitis C
- Kidney Failure
- Liver Cirrhosis
- Macular Degeneration
- Memory Disorders
- Metabolic Syndrome X
- Multiple Sclerosis
- Myocardial Infarction
- Neoplasms
- Obesity

- Osteoporosis
- Parkinson disease