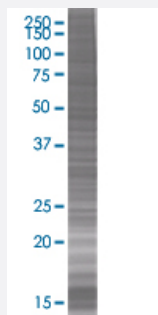


FGA 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002243-T01

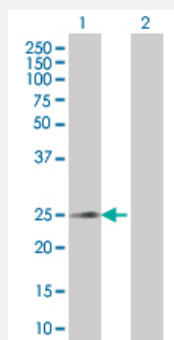
Size 100 uL

Applications



SDS-PAGE Gel

FGA transfected lysate



Western Blot

Lane 1: FGA transfected lysate (24.09 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-FGA full-length

Host Human

Theoretical MW (kDa) 24.09

Quality Control Testing Transient overexpression cell lysate was tested with Anti-FGA antibody ([H00002243-B01](#)) by Western Blots.
 SDS-PAGE Gel
 FGA transfected lysate
 Western Blot
 Lane 1: FGA transfected lysate (24.09 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 — FGA

Entrez GeneID	2243
GeneBank Accession#	BC020764
Protein Accession#	AAH20764
Gene Name	FGA
Gene Alias	Fib2, MGC119422, MGC119423, MGC119425
Gene Description	fibrinogen alpha chain
Omim ID	105200 134820 202400
Gene Ontology	Hyperlink

Gene Summary	The protein encoded by this gene is the alpha component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia, afibrinogenemia and renal amyloidosis. Alternative splicing results in two isoforms which vary in the carboxy-terminus. [provided by RefSeq]
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Other Designations	fibrinogen, A alpha polypeptide fibrinogen, alpha chain, isoform alpha preproprotein fibrinogen, alpha polypeptide
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Pathway

- [Complement and coagulation cascades](#)

Disease

- [Alzheimer disease](#)
- [Anemia](#)
- [Angina](#)
- [Aortic Diseases](#)
- [Atherosclerosis](#)
- [Brain Ischemia](#)
- [Calcinosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Carotid Stenosis](#)
- [Cerebral Hemorrhage](#)
- [Cerebral Infarction](#)
- [Cerebrovascular Accident](#)
- [Cerebrovascular Disorders](#)
- [Chronic Disease](#)
- [Coronary Artery Disease](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Foramen Ovale](#)
- [Genetic Predisposition to Disease](#)

- [Glomerulonephritis](#)
- [Heart Defects](#)
- [Heart Septal Defects](#)
- [Hemophilia A](#)
- [Hemorrhage](#)
- [Hypertension](#)
- [Ischemia](#)
- [Macular Degeneration](#)
- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Obesity](#)
- [Osteoporosis](#)
- [Postoperative Complications](#)
- [Pulmonary Embolism](#)
- [Stroke](#)
- [Thromboembolism](#)
- [Thrombosis](#)
- [Vascular Diseases](#)
- [Venous Thrombosis](#)