FGA (Human) Native Protein

Catalog # P11004 Size 1 mg

Specification

Product Description	Huamn FGA (P02671) native protein from human plasma.
Source	Human Plasma
Host	Human
Theoretical MW (kDa)	200
Reactivity	Human
Form	Liquid
Concentration	1 - 5 mg/mL (E^{0}
Purity	> 95% as determined by SDS-PAGE.
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Functional Study

Gene Info — FGA

Entrez GeneID	2243
Protein Accession#	P02671
Gene Name	FGA
Gene Alias	Fib2, MGC119422, MGC119423, MGC119425

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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
Other Designations	fibrinogen, A alpha polypeptide|fibrinogen, alpha chain, isoform alpha preproprotein|fibrinogen, alpha polypeptide

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

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- 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

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- Stroke
- Thromboembolism
- Thrombosis
- Vascular Diseases
- Venous Thrombosis

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