

Fibrinogen gamma chain (FGG) Recombinant Protein | FGG recombinant protein

Recombinant Human Fibrinogen gamma chain (FGG)

CATALOG #
AAA113970

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Fibrinogen gamma chain (FGG); Recombinant Human Fibrinogen gamma chain (FGG); FGG recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	27-453aa; Full Length of Mature Protein
Sequence	YVATRDNCCI LDERFGSYCP TTCGIADFLS TYQTKVDKDL QSLEDILHQV ENKTSEVKQL IKAIQLTYNP DESSKPNMID AATLKSRLML EEIMKYEASI LTHDSSIRYL QEIYNSNNQK IVNLKEKVAQ LEAQCQEPCK DTVQIHDTG KDCQDIANKG AKQSGLYFIK PLKANQQFLV YCEIDGSGNG WTVFQKRLDG SVDFKKNWIK YKEGFGHLSP TGTTEFWLGN EKIHLISTQS AIPYALRVEL EDWNGRTSTA DYAMFKVGPE ADKYRLTYAY FAGGDAGDAF DGFDGDDPS DKFFTSNNGM QFSTWDNDND KFEGNCAEQD GSGWWMNKCH AGHLNGVYYQ GGTYSKASTP NGYDNGIWA TWKTRWYSMK KTTMKIIPFN RLTIGEGQQH HLGGAKQVRP EHPAETEYDS LYPEDDL
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for FGG recombinant protein	This protein is the gamma 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 and thrombophilia. Alternative splicing results in two transcript variants encoding different isoforms.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	70906437
NCBI GeneID	2266
NCBI Accession #	NP_000500.2
NCBI GenBank Nucleotide #	NM_000509.5
UniProt Accession #	P02679; P04469; P04470; Q53Y18; Q96A14; Q96KJ3; Q9UC62; Q9UC63; Q9UCF3; A8K057
Molecular Weight	55.9 kDa
NCBI Official Full Name	fibrinogen gamma chain isoform gamma-A
NCBI Official Synonym Full Names	fibrinogen gamma chain

NCBI Official Symbol	FGG
NCBI Protein Information	fibrinogen gamma chain
UniProt Protein Name	Fibrinogen gamma chain
UniProt Gene Name	FGG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fgg-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/113970>