

Fibrinogen beta chain (FGB) Recombinant Protein | FGB recombinant protein

Recombinant Human Fibrinogen beta chain (FGB)

CATALOG #
AAA81684

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

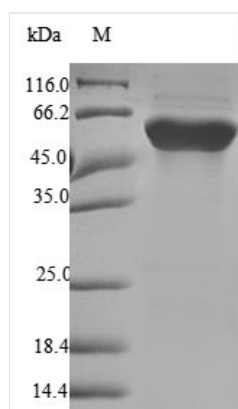
PRODUCT SYNONYMS

Fibrinogen beta chain (FGB); Recombinant Human Fibrinogen beta chain (FGB); Fibrinogen beta chainCleaved into the following 2 chains:: 1. Fibrinopeptide B; 2. Fibrinogen beta chain; FGB 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	45-491aa; partial
Sequence	GHRPLDKKRE EAPSLRPAPP PISGGGYRAR PAKAAATQKK VERKAPDAGG CLHADPDLGV LCPTGCQLQE ALLQGERPIR NSVDELNNNV EAVSQTSSSS FQYMYLLKDL WQKRQKQVKD NENVVNEYSS ELEKHQLYID ETVNSNIPTN LRVLSILEN LRSKIQKLES DVSAQMEYCR TPCTVSCNIP VVSGKECEEI IRKGGETSEM YLIQPDSSVK PYRVYCDMNT ENGGWTVIQN RQDGSVDFGR KWDPYKQGFG NVATNTDGKN YCGLPGEYWL GNDKISQLTR MGPTELLIEM EDWKGDKVKA HYGGFTVQNE ANKYQISVNK YRGTAGNALM DGASQLMGEN RTMTIHNGMF FSTYDRDNDG WLTSDPRKQC SKEDGGGWWY NRCHAANPNG RYYWGGQYTW DMAKHGTDDG VVWMNWKGSW YSMRKMSMKI RPFFPQQ
Species	Homo sapiens (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.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FGB recombinant protein	Cleaved by the protease thrombin to yield monomers which, together with fibrinogen alpha (FGA) and fibrinogen gamma (FGG), polymerize to form an insoluble fibrin matrix. Fibrin has a major function in hemostasis as one of the primary components of blood clots. In addition, functions during the early stages of wound repair to stabilize the lesion and guide cell migration during re-epithelialization. Was originally thought to be essential for platelet aggregation, based on in vitro studies using anticoagulated blood. However subsequent studies have shown that it is not absolutely required for thrombus formation in vivo. Enhances expression of SELP in activated platelets. Maternal fibrinogen is essential for successful pregnancy. Fibrin deposition is also associated with infection, where it protects against IFNG-mediated hemorrhage. May also facilitate the antibacterial immune response via both innate and T-cell mediated pathways.
Product Categories/Family for FGB recombinant protein	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	296080754
NCBI GeneID	2244
NCBI Accession #	NP_001171670.1
NCBI GenBank Nucleotide #	NM_001184741.1
UniProt Accession #	P02675; Q32Q65; Q3KPF2; A0JLR9; B2R7G3
Molecular Weight	54.8 kDa
NCBI Official Full Name	fibrinogen beta chain isoform 2 preproprotein
NCBI Official Synonym Full Names	fibrinogen beta chain
NCBI Official Symbol	FGB
NCBI Official Synonym Symbols	HEL-S-78p
NCBI Protein Information	fibrinogen beta chain; fibrinogen, B beta polypeptide; epididymis secretory sperm binding protein Li 78p
UniProt Protein Name	Fibrinogen beta chain
UniProt Gene Name	FGB
UniProt Entry Name	FIBB_HUMAN

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://www.aaabiotech.com/fgb-recombinant-protein-e-coli/81684>