10320 Camino Santa Fe, Suite G
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Fibrinopeptide A, human
Synthetic Peptide
Catalog # SP2486b

Specification

Fibrinopeptide A, human - Product Information

Primary Accession	P02671
Sequence	**NH2-ADSGEGDFLAEGGGVR-COOH**

Fibrinopeptide A, human - Additional Information

Gene ID 2243

Other Names
Fibrinogen alpha chain, Fibrinopeptide A, Fibrinogen alpha chain, FGA

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

Fibrinopeptide A, human - Protein Information

Name FGA

Function
Cleaved by the protease thrombin to yield monomers which, together with fibrinogen beta (FGB) 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 via an ITGB3-dependent pathway. 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 immune response via both innate and T-cell mediated pathways.

Cellular Location
Secreted

Tissue Location
Detected in blood plasma (at protein level).

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Fibrinopeptide A, human - Images