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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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F13A1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00002162-T01

規格 : [100 uL]

List All

Specification

Transfected Cell Line: 293T

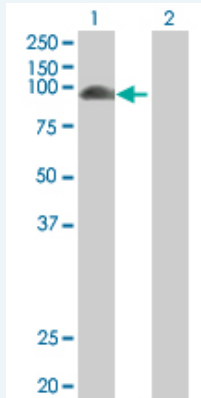
Plasmid: pCMV-F13A1 full-length

Host: Human

Theoretical MW (kDa): 80.63

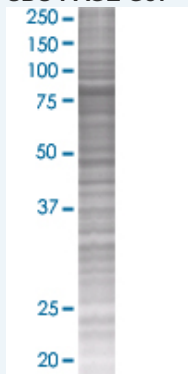
Quality Control Testing: Transient overexpression cell lysate was tested with Anti-F13A1 antibody ([H00002162-B01](#)) by Western Blots.

Western Blot



Lane 1: F13A1 transfected lysate (83.3 KDa)
Lane 2: Non-transfected lysate.

SDS-PAGE Gel



F13A1 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.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [2162](#)

GeneBank Accession#: [BC027963.1](#)

Protein Accession#: =

Gene Name: F13A1

Gene Alias: F13A

Gene Description: coagulation factor XIII, A1 polypeptide

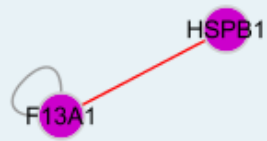
Omim ID: [134570](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: This gene encodes the coagulation factor XIII A subunit. Coagulation factor XIII is the last zymogen to become activated in the blood coagulation cascade. Plasma factor XIII is a heterotetramer composed of 2 A subunits and 2 B subunits. The A subunits have catalytic function, and the B subunits do not have enzymatic activity and may serve as plasma carrier molecules. Platelet factor XIII is comprised only of 2 A subunits, which are identical to those of plasma origin. Upon cleavage of the activation peptide by thrombin and in the presence of calcium ion, the plasma factor XIII dissociates its B subunits and yields the same active enzyme, factor XIIIa, as platelet factor XIII. This enzyme acts as a transglutaminase to catalyze the formation of gamma-glutamyl-epsilon-lysine crosslinking between fibrin molecules, thus stabilizing the fibrin clot. It also crosslinks alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin. Factor XIII deficiency is classified into two categories: type I deficiency, characterized by the lack of both the A and B subunits; and type II deficiency, characterized by the lack of the A subunit alone. These defects can result in a lifelong bleeding tendency, defective wound healing, and habitual abortion. [provided by RefSeq]

Other Designations: FSF, A subunit, TGase, bA525O21.1 (coagulation factor XIII, A1 polypeptide), coagulation factor XIII A1 subunit, coagulation factor XIII, A polypeptide, factor XIIIa, fibrin stabilizing factor, A subunit, fibrinolyase, protein-glutamine gamma-glutamyltransferase

Interactome



Gene Pathway

[Complement and coagulation cascades](#)

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