

Recombinant Human F13A1 Protein, MYC/DDK-tagged

Cat. No. F13A1-125H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human F13A1 fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	Factor XIII is activated by thrombin and calcium ion to a transglutaminase that catalyzes the formation of gamma-glutamyl-epsilon-lysine cross-links between fibrin chains, thus stabilizing the fibrin clot. Also cross-link alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	79.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	F13A1 coagulation factor XIII, A1 polypeptide [Homo sapiens]
Official Symbol	F13A1

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Synonyms	F13A1; coagulation factor XIII, A1 polypeptide; F13A; coagulation factor XIII A chain; TGase; factor XIIIa; fibrinolygase; FSF, A subunit; coagulation factor XIIIa; transglutaminase A chain; transglutaminase. plasma; fibrin stabilizing factor, A subunit; coagulation factor XIII, A polypeptide; protein-glutamine gamma-glutamyltransferase A chain; bA525O21.1 (coagulation factor XIII, A1 polypeptide);
Gene ID	2162
mRNA Refseq	NM_000129
Protein Refseq	NP_000120
MIM	134570
UniProt ID	P00488