

Native Human Factor beta-XIIa, Biotin Labeled

Cat. No. F12-13H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human Factor beta-XIIa is activated from homogeneous Human Factor XII by an autoactivation process with Dextran Sulfate followed by repurification and biotinylation on lysine residues.
Species	Human
Source	Human Plasma
Form	Frozen liquid
Molecular Mass	30,000
Purity	>95% by SDS-PAGE analysis
Usage	For in vitro laboratory use only
Notes	Optimal experimental conditions and working dilutions must be determined by the end user. Sample concentration and volume are for example purposes only and do not necessarily represent the product that will be received. Please contact us for a current lot-specific product datasheet.
Storage	-70°C
Concentration	1.0 mg/ml

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Storage Buffer 4 mM Sodium Acetate; 0.15 M NaCl; pH 5.3

Shipping Dry ice

GENE INFORMATION

Gene Name F12 coagulation factor XII (Hageman factor) [Homo sapiens]

Official Symbol F12

Synonyms F12; coagulation factor XII (Hageman factor); coagulation factor XII; Hageman factor; beta-factor XIIa part 1; beta-factor XIIa part 2; coagulation factor XIIa heavy chain; coagulation factor XIIa light chain; HAF; HAE3; HAEX;

Gene ID 2161

mRNA Refseq NM_000505

Protein Refseq NP_000496

MIM 610619

UniProt ID P00748

Chromosome Location 5q33-qter

Pathway Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem;

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	Hemostasis, organism-specific biosystem; Intrinsic Pathway, organism-specific biosystem;
Function	binding; misfolded protein binding; peptidase activity; protein binding; serine-type endopeptidase activity;

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