

## Native Human Factor beta-XIIa, Biotin Labeled

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Human
<b>Source</b>	Human Plasma
<b>Form</b>	Frozen liquid
<b>Molecular Mass</b>	30,000
<b>Purity</b>	>95% by SDS-PAGE analysis
<b>Usage</b>	For in vitro laboratory use only
<b>Notes</b>	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.
<b>Storage</b>	-70°C
<b>Concentration</b>	1.0 mg/ml

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Storage Buffer</b>	4 mM Sodium Acetate; 0.15 M NaCl; pH 5.3
<b>Shipping</b>	Dry ice
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	F12 coagulation factor XII (Hageman factor) [ Homo sapiens ]
<b>Official Symbol</b>	F12
<b>Synonyms</b>	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;
<b>Gene ID</b>	<a href="#">2161</a>
<b>mRNA Refseq</b>	<a href="#">NM_000505</a>
<b>Protein Refseq</b>	<a href="#">NP_000496</a>
<b>MIM</b>	<a href="#">610619</a>
<b>UniProt ID</b>	<a href="#">P00748</a>
<b>Chromosome Location</b>	5q33-qter
<b>Pathway</b>	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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