

Datasheet for ABIN934810

**Coagulation Factor X Protein (F10)**[Go to Product page](#)

## Overview

Quantity:	100 µg
Target:	Coagulation Factor X (F10)
Origin:	Human
Source:	Human
Protein Type:	Native
Biological Activity:	Active

## Product Details

Characteristics:	<p>Purified native Human Factor X protein</p> <p>Bioactivity: 115 units/mg protein - Specific activity is determined by Factor X clotting assay.</p> <p>One unit is equivalent to the Factor X activity in one milliliter of normal plasma.</p> <p>Protein Source: Human serum/plasma</p>
Purity:	> 98 % pure

## Target Details

Target:	Coagulation Factor X (F10)
Alternative Name:	Factor X ( <a href="#">F10 Products</a> )
Background:	<p>Factor X is a vitamin K-dependent protein zymogen which is synthesized in the liver and circulates in plasma as a two chain molecule linked by a disulfide bond. Prior to secretion into plasma, post-translational modifications produce 11 gamma-carboxyglutamic acid (gla) residues and a single b-hydroxyaspartic acid residue, which are located within the NH<sub>2</sub>-terminal light chain. The light chain also contains two epidermal growth factor (EGF) homology</p>

## Target Details

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domains.

Description: Human serum/plasma.

Alternative Names: Complement Factor X protein

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Molecular Weight: 58.9 kDa

## Application Details

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Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: Supplied as a liquid with 50 % Glycerol/H<sub>2</sub>O (vol/vol).

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Precaution of Use: Donor samples were tested and found to be negative for anti-HIV-1/2, HIV-1 antigen(s), HBsAg, STS, anti-HCV, anti-HBcore and anti-HTLV I & II. Nonetheless caution should be used when handling this material as there is a margin of error in all tests.

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Handling Advice: Avoid repeated freeze/thaw cycles.

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Storage: -20 °C

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Storage Comment: Aliquot and store at -20 °C.