

Datasheet for ABIN934812

Factor VII Protein



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Overview

Quantity:	20 µg
Target:	Factor VII (F7)
Origin:	Human
Source:	Human
Protein Type:	Native
Biological Activity:	Active

Product Details

Characteristics:	<p>Purified native Human Factor VII protein</p> <p>Bioactivity: 3296 units/mg protein - Specific activity is determined by the Factor VII clotting assay. One unit of activity is equivalent to the factor VII activity in one milliliter of normal plasma.</p> <p>Protein Source: Human serum/plasma</p>
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Purity:	> 95 % pure
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Target Details

Target:	Factor VII (F7)
Alternative Name:	Factor VII (F7 Products)

Background:	<p>Human factor VII is a single chain, vitamin K-dependent, plasma glycoprotein which is synthesized in the liver. Prior to secretion into the blood, post translational modification by a vitamin K-dependent carboxylase produces ten-carboxyglutamic acid (gla) residues located in the NH₂-terminal portion of the molecule, which facilitate cell membrane binding. Factor VII is</p>
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Target Details

proteolytically activated to the serine protease, factor VIIa, during coagulation. Factor VII can be activated by thrombin, factor IXa, factor Xa or factor XIIa.

Description: Human serum/plasma.

Alternative Names: Complement Factor VII

Molecular Weight: 50 kDa

Pathways: [Response to Growth Hormone Stimulus, Platelet-derived growth Factor Receptor Signaling](#)

Application Details

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

Restrictions: For Research Use only

Handling

Buffer: 50 % Glycerol/H₂O (vol/vol).

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.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

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