

Datasheet for ABIN934813

Coagulation Factor IX Protein (F9)[Go to Product page](#)

Overview

Quantity: 100 µg

Target: Coagulation Factor IX (F9)

Origin: Human

Source: Human

Protein Type: Native

Biological Activity: Active

Product Details

Characteristics: Purified native Human Factor IX protein
Bioactivity: 258 units/mg protein - Specific activity is determined by the Factor IX clotting assay.
One unit of activity is equivalent to the Factor IX activity in one milliliter of normal human plasma.
Protein Source: Human serum/plasma

Purity: > 95 % pure

Target Details

Target: Coagulation Factor IX (F9)

Alternative Name: Factor IX ([F9 Products](#))

Background: The zymogen factor IX is a single chain vitamin K-dependent glycoprotein which is synthesized in the liver. The domain structure of factor IX is similar to that of the other vitamin K dependent coagulation factors. The NH₂-terminal region contains 12 gamma-carboxyglutamic acid (gla) residues which facilitate the calcium dependent binding of factor IX to negatively charged

Target Details

phospholipid surfaces.

Description: Human serum/plasma.

Alternative Names: Complement Factor IX

Molecular Weight: 55 kDa

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Supplied as a liquid with 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.
