

Factor IX Native Protein | F9 native protein

Factor IX protein

CATALOG # AAA75254	HOST Human
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PRODUCT SYNONYMS

Factor IX; Factor IX protein; Complement Factor IX; F9 native protein

PRODUCT SPECIFICATIONS

Host	Human
Purity/Purification	> 95% pure
Form/Format	20mM Tris-HCL, 0.1M NaCl, 1mM Benzamidine pH 7.4.
Sequence Length	462
Source Note	Human plasma
Protein Type	Native
Biological Significance	Factor IX is a vitamin K-dependent glycoprotein produced in the liver. Plasma concentration of F.IX is normally around 5 ug/ml (87 nM) in plasma. The biological importance of F.IX is demonstrated in Haemophilia B an X-linked congenital bleeding disease resulting from a quantitative or qualitative defect in F.IX function.
Biohazard Information	Donor samples were tested and found to be negative for Anti-HIV1/2, Anti-HTLV I & II, HBsAg, Anti-HCV, Syphilis, HBC Ab, HIV-1 p24 Ag or HIV-1 RNA, HCV RNA and HBV RNA. Nonetheless caution should be used when handling this material as there is a margin of error in all tests. Donors were also screened for CJD (Creutzfeldt-Jakob Disease).
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Additional Remarks	Activity: 306.5 PEU/ mg 1PEU is equal to the amount of activity found in 1ml of plasma as determined in factor deficient clotting assay. 219ul; 0.5mg; 153.25 PEU (Units) (Lot Specific)
Preparation and Storage	Aliquot and store at -70 degree C or lower. Avoid repeated freeze/thaw cycles Shipping: Ships with Dry Ice.

ADDITIONAL INFORMATION

Related Product Information for F9 native protein	Purified native Human Factor IX protein
Product Categories/Family for F9 native protein	Proteases ; Inhibitors ; & Enzymes ; Native Protein

NCBI AND UNIPROT INFORMATION

NCBI GI #	182609
NCBI GeneID	2158
UniProt Accession #	P00740 ; Q5FBE1 ; Q5JYJ8 ; A8K9N4 ; F2RM36

Molecular Weight	56 kDa
NCBI Official Full Name	factor IX
NCBI Official Synonym Full Names	coagulation factor IX
NCBI Official Symbol	F9
NCBI Official Synonym Symbols	FIX; P19; PTC; HEMB; THPH8
NCBI Protein Information	coagulation factor IX
UniProt Protein Name	Coagulation factor IX
UniProt Gene Name	F9
UniProt Synonym Gene Names	PTC
UniProt Entry Name	FA9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-native-protein/factor-ix/75254>