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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

F9 (Human) Recombinant Protein (P01)

Catalog Number: H00002158-P01

Regulation Status: For research use only (RUO)

Product Description: Human F9 full-length ORF (NP_000124.1, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MQRVNMIMAESPGLITICLLGYLLSAECTVFLDHENAN
KILNRPKRYNSGKLEEFVQGNLERECMEEKCSFEEAR
EVFENTERTTEFWKQYVDGDQCESNPCLNGGSCKDD
INSYECWCPFGFEGKNCELDVTCNIKNGRCEQFCKNS
ADNKVVCSCTEGYRLAENQKSCEPAVPFPCGRVSVS
QTSKLTRAETVFPDVDYVNSTEAETILDNITQSTQSFN
DFTRVVGGEDAKPGQFPWQVVLNGKVDAFCGGSIVN
EKWIVTAAHCVETGVKITVVAGEHNIEETEHTEQKRNVI
RIIPHHNYNAAINKYNHDIALLELDEPLVLNSYVTPICIAD
KEYTNIFLKFGSGYVSGWGRVFHKGRSALVLQYLRVP
LVDRATCLRSTKFTIYNNMFCAGFHEGGRDSCQGDS
GGPHVTEVEGTSFLTGIISWGEECAMKGKYGIYTKVSR
YVNWIKEKTKLT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 78.2

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2158

Gene Symbol: F9

Gene Alias: FIX, HEMB, MGC129641, MGC129642, PTC

Gene Summary: This gene encodes vitamin K-dependent coagulation factor IX that circulates in the blood as an inactive zymogen. This factor is converted to an active form by factor XIa, which excises the activation peptide and thus generates a heavy chain and a light chain held together by one or more disulfide bonds. The role of this activated factor IX in the blood coagulation cascade is to activate factor X to its active form through interactions with Ca+2 ions, membrane phospholipids, and factor VIII. Alterations of this gene, including point mutations, insertions and deletions, cause factor IX deficiency, which is a recessive X-linked disorder, also called hemophilia B or Christmas disease. [provided by RefSeq]