



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### F3 (Human) Recombinant Protein

**Catalog Number:** P9737

**Regulation Status:** For research use only (RUO)

**Product Description:** Human F3 (P13726-1, 33 a.a. - 251 a.a.) partial recombinant protein with His tag at C-terminus expressed in HEK293 cells.

**Sequence:**

SGTTNTVAAYNLTWKSTNFKTILEWEPKPVNQVYTVQI  
STKSGDWKSKCFYTTDTECDLTDEIVKDKVQTYLARV  
FSYPAGNVESTGSAGEPLYENSPEFTPYLETNLGQPTI  
QSFEQVGTKVNVTVEDERTLVRRNNTFLSLRDVFGKD  
LIYTLYYWKSSSSGKKTAKTNTNEFLIDVDKGENYCFS  
VQAVIPSRVTNRKSTDSPVECMGQEKGEFRE

**Host:** Human

**Theoretical MW (kDa):** 25.89

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

**Form:** Lyophilized

**Preparation Method:** Mammalian cell (Expi293, high-yield transient HEK293) expression system

**Purity:** > 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC

**Endotoxin Level:** < 1 EU per 1 ug of protein (determined by LAL method)

**Activity:** The EC<sub>50</sub> was 8.8 ng/mL, measured by ELISA at 2 ug/mL.

**Recommend Usage:** Biological Activity

ELISA

SDS-PAGE

The optimal working dilution should be determined by the end user.

**Storage Buffer:** Lyophilized from sterile distilled Water is > 100 ug/mL

**Storage Instruction:** Store at 2°C to 8°C for 1 week.

For long term storage, aliquot and store at -20°C to -80°C.

Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 2152

**Gene Symbol:** F3

**Gene Alias:** CD142, TF, TFA

**Gene Summary:** This gene encodes coagulation factor III which is a cell surface glycoprotein. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. The resulting complex provides a catalytic event that is responsible for initiation of the coagulation protease cascades by specific limited proteolysis. Unlike the other cofactors of these protease cascades, which circulate as nonfunctional precursors, this factor is a potent initiator that is fully functional when expressed on cell surfaces. There are 3 distinct domains of this factor: extracellular, transmembrane, and cytoplasmic. This protein is the only one in the coagulation pathway for which a congenital deficiency has not been described. [provided by RefSeq]