

F7 Blocking Peptide (C-Term)
Synthetic peptide
Catalog # BP22013b**Specification**

F7 Blocking Peptide (C-Term) - Product InformationPrimary Accession [P08709](#)**F7 Blocking Peptide (C-Term) - Additional Information****Gene ID** 2155**Other Names**

Coagulation factor VII, 3.4.21.21, Proconvertin, Serum prothrombin conversion accelerator, SPCA, Eptacog alfa, Factor VII light chain, Factor VII heavy chain, F7

Target/Specificity

The synthetic peptide sequence is selected from aa 322-332 of HUMAN F7

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

F7 Blocking Peptide (C-Term) - Protein Information**Name** F7**Function**

Initiates the extrinsic pathway of blood coagulation. Serine protease that circulates in the blood in a zymogen form. Factor VII is converted to factor VIIa by factor Xa, factor XIIa, factor IXa, or thrombin by minor proteolysis. In the presence of tissue factor and calcium ions, factor VIIa then converts factor X to factor Xa by limited proteolysis. Factor VIIa also converts factor IX to factor IXa in the presence of tissue factor and calcium (PubMed:271951).

Cellular Location

Secreted.

Tissue Location

Plasma.

F7 Blocking Peptide (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

F7 Blocking Peptide (C-Term) - Images

F7 Blocking Peptide (C-Term) - Background

Initiates the extrinsic pathway of blood coagulation. Serine protease that circulates in the blood in a zymogen form. Factor VII is converted to factor VIIa by factor Xa, factor XIIa, factor IXa, or thrombin by minor proteolysis. In the presence of tissue factor and calcium ions, factor VIIa then converts factor X to factor Xa by limited proteolysis. Factor VIIa will also convert factor IX to factor IXa in the presence of tissue factor and calcium.

F7 Blocking Peptide (C-Term) - References

Hagen F.S.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:2412-2416(1986).
O'Hara P.J.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:5158-5162(1987).
Sabater-Lleal M.,et al.Hum. Genet. 118:741-751(2006).
Soria J.M.,et al.Submitted (DEC-2002) to the EMBL/GenBank/DDBJ databases.
Masroori N.,et al.Submitted (MAR-2008) to the EMBL/GenBank/DDBJ databases.