

F3 抗原（重组蛋白）

中文名称： F3 抗原（重组蛋白）

英文名称： F3 Antigen (Recombinant Protein)

别名： TF; TFA; CD142

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 33-251 amino acids of human F3

技术规格

Full name:	Coagulation factor III (thromboplastin, tissue factor)
Synonyms:	TF; TFA; CD142
Swissprot:	P13726
Gene Accession:	BC011029
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes coagulation factor III which is a cell surface glyco protein. 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

n pathway for which a congenital deficiency has not been described.
Alternate splicing results in multiple transcript variants.