

Recombinant Human F3

Catalog No: #GP10816



Package Size: #GP10816-1 100ug

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Description

Product Name	Recombinant Human F3
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 33-251 amino acids of human coagulation factor III (thromboplastin, tissue factor)
Target Name	Coagulation factor III (thromboplastin, tissue factor)
Other Names	TF; TFA; CD142
Accession No.	Swissprot:P13726Gene Accession:BC011029
Uniprot	P13726
GeneID	2152;
Storage	-20~-80°C, pH 7.6 PBS

Background

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. Alternate splicing results in multiple transcript variants.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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