

Native Human Coagulation factor X, APC conjugated

Cat. No. F10-355H Lot. No. (See product label)

SPECIFICATION

Product Overview	Native human F10 was expressed in Human Plasma. Purified protein was labeled with APC in vitro.
Species	Human
Source	Plasma
Description	F10 is activated into factor Xa by both factor IX (with its cofactor, factor VIII in a complex known as intrinsic Xase) and factor VII with its cofactor, tissue factor (a complex known as extrinsic Xase). It is therefore the first member of the final common pathway or thrombin pathway. It acts by cleaving prothrombin in two places, which yields the active thrombin. This process is optimized when factor Xa is complexed with activated co-factor V in the prothrombinase complex.
Conjugation/Label	APC
Form	Liquid
Molecular Mass	46 kDa
Storage	Store in working aliquots at -20 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	0.5 mg/ml

GENE INFORMATION

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Gene Name	F10 coagulation factor X [Homo sapiens (human)]
Official Symbol	F10
Synonyms	F10; coagulation factor X; factor Xa; prothrombinase; Stuart-Prower factor; FX; FXA
Gene ID	2159
mRNA Refseq	NM_000504
Protein Refseq	NP_000495
MIM	613872
UniProt ID	P00742

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