

Native Human Coagulation Factor V (proaccelerin, labile factor)

Cat. No. F5-5300H Lot. No. (See product label)

SPECIFICATION

Product Overview	Native Human F5 was expressed in human plasma. Its molecular weight is 330000 Dalton.
Species	Human
Source	Human Plasma
Protein Length	1-2224 a.a.
Description	F5 (pronounced factor five) is a protein of the coagulation system, rarely referred to as proaccelerin or labile factor. In contrast to most other coagulation factors, it is not enzymatically active but functions as a cofactor. Deficiency leads to predisposition for hemorrhage, while some mutations (most notably factor V Leiden) predispose for thrombosis.
Form	Liquid in 50% glycerol (v/v)
Molecular Mass	330 kDa
Storage	Store in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	5.0 mg/ml

GENE INFORMATION

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Gene Name	F5 coagulation factor V (proaccelerin, labile factor) [Homo sapiens]
Official Symbol	F5
Synonyms	F5; coagulation factor V (proaccelerin, labile factor); coagulation factor V; factor V Leiden; proaccelerin, labile factor; activated protein c cofactor; coagulation factor V jinjiang A2 domain; FVL; PCCF; THPH2;
Gene ID	2153
mRNA Refseq	NM_000130
Protein Refseq	NP_000121
MIM	612309
UniProt ID	P12259
Chromosome Location	1q23
Pathway	Blood Clotting Cascade, organism-specific biosystem; Common Pathway, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; Hemostasis, organism-specific biosystem;
Function	copper ion binding; metal ion binding; protein binding;

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