

Recombinant Human F5 Protein, GST-tagged

Cat. No. F5-3621H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human F5 partial ORF (NP_000121, 29 a.a. - 128 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes an essential cofactor of the blood coagulation cascade. This factor circulates in plasma, and is converted to the active form by the release of the activation peptide by thrombin during coagulation. This generates a heavy chain and a light chain which are held together by calcium ions. The activated protein is a cofactor that participates with activated coagulation factor X to activate prothrombin to thrombin. Defects in this gene result in either an autosomal recessive hemorrhagic diathesis or an autosomal dominant form of thrombophilia, which is known as activated protein C resistance. [provided by RefSeq, Oct 2008]
Molecular Mass	36.74 kDa
AA Sequence	AQLRQFYVAAQGISWSYRPEPTNSSLNLSVTSFKKIVYREYEPYFKKEKPQSTISGLL GPTLYAEVGDIKVFHFNKADKPLSIHPQGIRYSKLSEGASY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

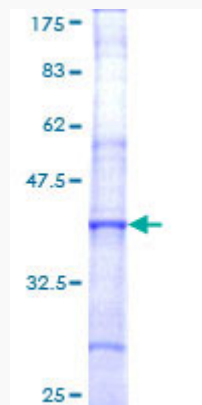
Gene Name	F5 coagulation factor V (proaccelerin, labile factor) [Homo sapiens]
Official Symbol	F5
Synonyms	F5; coagulation factor V (proaccelerin, labile factor); coagulation factor V; factor V Leiden; proaccelerin, labile factor; activated protein c cofactor; coagulation factor V jinjiang A2 domain; FVL; PCCF; THPH2;
Gene ID	2153
mRNA Refseq	NM_000130
Protein Refseq	NP_000121
MIM	612309
UniProt ID	P12259

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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