

Recombinant Human F2 Protein, MYC/DDK-tagged

Cat. No. F2-955H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human F2 protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Coagulation factor II is proteolytically cleaved to form thrombin in the first step of the coagulation cascade which ultimately results in the stemming of blood loss. F2 also plays a role in maintaining vascular integrity during development and postnatal life. Peptides derived from the C-terminus of this protein have antimicrobial activity against E. coli and P. aeruginosa. Mutations in F2 lead to various forms of thrombosis and dysprothrombinemia. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2015]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	67.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	coagulation factor II, thrombin[Homo sapiens]
Official Symbol	F2
Synonyms	PT; RPRGL2; THPH1
Gene ID	2147
mRNA Refseq	NM_000506.4
Protein Refseq	NP_000497
MIM	176930
UniProt ID	P00734

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