

Recombinant Full Length Human F2 protein, His-SUMO-tagged

Cat. No. F2-2877H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human F2 protein(P00734)(44-622aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	44-622 aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	81.3 kDa
AA Sequence	ANTFLEEVRKGNLERECVEETCSYEEAFEALSSTATDVFWAKYTACETARTPRDKL AACLEGNCAEGLGTNYRGHVNITRSGIECQLWRSRYPHKPEINSTTHPGADLQENF CRNPDSSTTGWCYTTDPTVRRQECSIPVCGQDQVTVAMTPRSEGSSVNLSPPLE QCVPRGQQYQGR LAVTTHGLPCLAWASQAQAKALSKHQDFNSAVQLVENFCRNP DGDEEGVWCYVAGKPGDFGYCDLNYCEEAVEEETGDGLDEDS DRAIEGRTATSEY QTFNPRTFGSGEADCGLRPLFEKKSLEDKTERELLESYIDGRIVEGSDAEIGMSPW QVMLFRKSPQELLCGASLISDRWVLTAAHCLLYPPWDKNFTENDLLVRIGKHSRTRY ERNIEKISMLEKIYIHPRYNWRENDRDIALMKLKKPVAFSDYIHPVCLPDRETAASLL QAGYKGRVTGWGNLKETWTANVGKQPSVLQVVNLPIVERPVCKDSTRITDNMF

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CAGYKPDEGKRGDACEGDSSGGPFVMKSPFNRRWYQMGIVSWGEGCDRDRDGKYGF
YTHVFRLLKKWIQKVIDQFGE

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [F2 coagulation factor II \(thrombin\) \[Homo sapiens \]](#)

Official Symbol [F2](#)

Synonyms F2; coagulation factor II (thrombin); prothrombin; serine protease; prothrombin B-chain; PT; THPH1;

Gene ID [2147](#)

mRNA Refseq [NM_000506](#)

Protein Refseq [NP_000497](#)

MIM [176930](#)

UniProt ID [P00734](#)

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