

# Active Recombinant Human F3 protein, His-tagged, Ultra Low Endotoxin

**Cat. No.** F3-6925H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                             |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Active Recombinant Human F3 protein(P13726-1)(Ser33-Glu251) is expressed from HEK293 with His tag at the C-terminus.                                                                                        |
| <b>Species</b>          | Human                                                                                                                                                                                                       |
| <b>Source</b>           | HEK293                                                                                                                                                                                                      |
| <b>ProteinLength</b>    | 33-251 aa                                                                                                                                                                                                   |
| <b>Form</b>             | Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).                                                                                                                                                  |
| <b>Bio-activity</b>     | Immobilized Human Coagulation factor III, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Anti-Coagulation factor III Antibody, hFc Tag with the EC50 of 4.4ng/ml determined by ELISA. |
| <b>Molecular Mass</b>   | The protein has a predicted MW of 25.89 kDa. Due to glycosylation, the protein migrates to 40-50 kDa based on Bis-Tris PAGE result.                                                                         |
| <b>Endotoxin</b>        | Less than 0.01 EU per µg by the LAL method.                                                                                                                                                                 |
| <b>Purity</b>           | > 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC                                                                                                                                            |
| <b>Storage</b>          | -20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal                                  |

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storage. Please minimize freeze-thaw cycles.

**Reconstitution** Dissolve the lyophilized protein in distilled water.

## GENE INFORMATION

**Gene Name** F3 coagulation factor III (thromboplastin, tissue factor) [ Homo sapiens ]

**Official Symbol** F3

**Synonyms** F3; coagulation factor III (thromboplastin, tissue factor); tissue factor; CD142; TF; TFA; FLJ17960;

**Gene ID** 2152

**mRNA Refseq** NM\_001178096

**Protein Refseq** NP\_001171567

**MIM** 134390

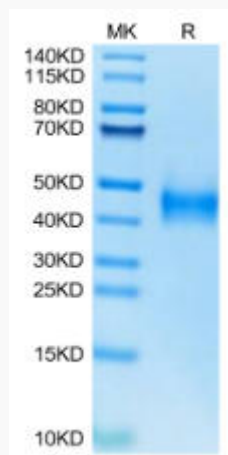
**UniProt ID** P13726

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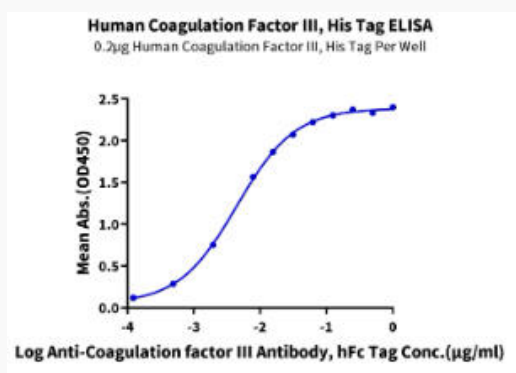
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## Bis-Tris PAGE



## ELISA Data



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