

## Active Recombinant Mouse F3 protein, His-tagged

Cat. No. F3-426M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse F3 protein(NP_034301.3)(Met1-Glu251), fused with His tag, was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	1-251 a.a.
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the hard copy of CoA.
<b>Bio-activity</b>	Measured by its ability to activate Coagulation Factor VII in cleaving a fluorogenic peptide substrate Boc-VPR-AMC. The AC50 is < 5 µg/ml.
<b>Molecular Mass</b>	The secreted recombinant mouse F3 consists of 234 amino acids and has a calculated molecular mass of 26.8 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 40-45 kDa in SDS-PAGE under reducing conditions.
<b>Proteinlength</b>	Met1-Glu251
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Purity** > 98 % as determined by SDS-PAGE

**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** F3 coagulation factor III [ *Mus musculus* ]

**Official Symbol** F3

**Synonyms** F3; coagulation factor III; tissue factor; TF; Cf3; Cf-3; CD142; AA409063;

**Gene ID** 14066

**mRNA Refseq** NM\_010171

**Protein Refseq** NP\_034301

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