

Active Recombinant Mouse F3 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Mouse F3 protein(NP_034301.3)(Met1-Glu251), fused with His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	1-251 a.a.
Form	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.
Bio-activity	Measured by its ability to activate Coagulation Factor VII in cleaving a fluorogenic peptide substrate Boc-VPR-AMC. The AC50 is < 5 µg/ml.
Molecular Mass	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.
Proteinlength	Met1-Glu251
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method

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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 [<i>Mus musculus</i>]
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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