Active Recombinant Mouse F3 protein, His-tagged, Low Endotoxin

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

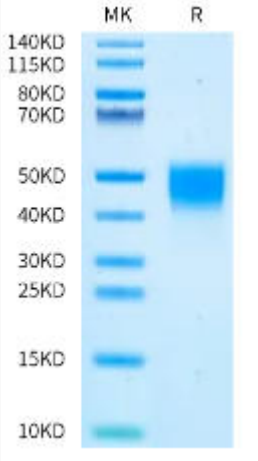
SPECIFICATION

Product Overview	Recombinant Mouse F3 protein(P20352)(29-251 aa), fused with C-terminal His tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	29-251 aa
Form	Lyophilized from 0.22 μm filtered solution in 50mM Tris, 150mM NaCl (pH 7.5). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Measured by its ability to activate Coagulation Factor VII in cleaving a fluorogenic peptide substrate Boc-VPR-AMC. The AC50 is <5 g/mL.
Molecular Mass	The protein has a predicted MW of 27 kDa. Due to glycosylation, the protein migrates to 42-55 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per μg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -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

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	for optimal storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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
Bis-Tris PAGE	

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