

Active Recombinant Mouse F3 protein, His-tagged

Cat. No. F3-32M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse F3(Ala29-Glu251) fused with His tag at C-terminal was expressed in NS0.
Species	Mouse
Source	Mammalian Cells
ProteinLength	29-251 a.a.
Predicted N Terminal	Ala29
Form	Lyophilized from a 0.2 µm filtered solution in Tris, NaCl and Brij-35.
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	Predicted Molecular Mass: 26 kDa; SDS-PAGE: 38 kDa and 44 kDa, reducing conditions.
Endotoxin	<1.0 EU per 1 µg of the protein by the LAL method.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain
Storage	Avoid repeated freeze-thaw cycles. 6 months from date of receipt, -20 to -70 centigrade as supplied.

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3 months, -20 to -70 centigrade under sterile conditions after reconstitution.

Reconstitution Reconstitute at 200 µg/mL in sterile 50 mM Tris, pH 9.0.

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

UniProt ID P20352

Chromosome Location 3 G1; 3 52.94 cM

Pathway Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Extrinsic Pathway, organism-specific biosystem; Formation of Fibrin Clot (Clotting Cascade), organism-specific biosystem; Hemostasis, organism-specific biosystem;

Function cell surface binding; phospholipid binding; protease binding;

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