

Recombinant Rabbit Coagulation Factor III (Thromboplastin, Tissue Factor)

Cat. No. F3-455R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit Coagulation Factor III (Thromboplastin, Tissue Factor) is expressed in <i>T7 cell</i> .
Species	Rabbit
Source	T7 cell
Description	Tissue factor is a cell-surface protein of endothelial cells and monocytes involved in coagulation and inflammation. It is the primary cellular initiator of coagulation cascade, and functions as receptor and cofactor for coagulation Factor VII and VIIa. From the rabbit gene using a T-7 cell expression system; purified predominantly to a 45 kD protein, comprising the extracellular and transmembrane domains of the native molecule, plus an amino terminal leader peptide sequence required for processing and purification.
Presentation	Screw capped clear glass vials of 100 µg of protein lyophilized from a buffer of 0.02M TRIS-HCl, 0.01M CHAPS, 0.5M NaCl, 0.2M imidazole, pH 7.9.
Reconstitution	Add 400 µl of filtered deionized water.
Purity	Greater than 90% per SDS-PAGE, appearing as single band, 45 kD.
Coagulation Properties	Upon lipidation, the following Prothrombin Time was recorded (manual method with fibrometer): Normal Human Plasma 9.9 seconds; Abnormal Human Plasma 20.1

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seconds.

Immunological Properties

Significantly recognized by sheep anti-rabbit tissue factor (native). Recognized by mouse monoclonals against (native) rabbit tissue factor. Significantly recognized by goat anti-human tissue factor; not recognized by various, different mouse monoclonals against human tissue factor.

Storage/Stability

Intact vial is stable at +2° - +8°C until the date on the vial. Reconstituted vial is stable for one year at +2° - +8°C.

GENE INFORMATION

Gene Name

F3 coagulation factor III (thromboplastin, tissue factor) [*Oryctolagus cuniculus*]

Synonyms

coagulation factor III (thromboplastin, tissue factor); F3; tissue factor; TF; brain tissue factor

Gene ID

100009127

mRNA Refseq

NM_001082291

Protein Refseq

NP_001075760

UniProt ID

P24055

Chromosome Location

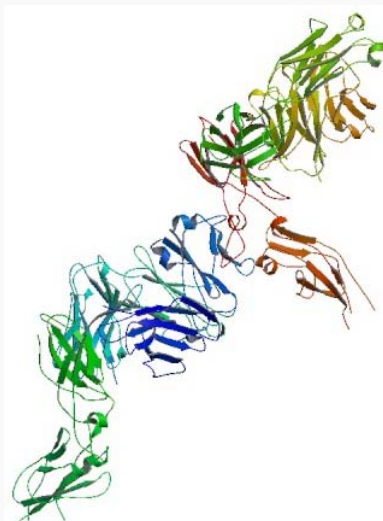
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