

Recombinant human tissue factor



Associated products

Recombinant tissue Factor

Relipidated recombinant human tissue Factor protein

Informations

Tissue factor (FT) is a transmembrane glycoprotein which is primarily responsible for activating coagulation cascades in the event of a vascular breach.

The binding of FVII to its receptor, expressed by the cells of the subendothelium exposed by the lesion, allows its very rapid activation by traces of FXa, circulating in trace amounts in vivo.

The FT-FVIIa complex then causes the activation of FIX and FX and the formation of thrombin.

Reference	Presentation	Format
11-4500	Vial	25 µg

Formulation: lyophilized protein in a 10 mM Tris-HCl buffer, 150 mM NaCl, 0.01% CHAPS, pH 8, 200 mM Mannitol.

Whole recombinant human FT.

Animated acids 1 to 263 including the extracellular, transmembrane, cytoplasmic domains.

MW(Da) : 35 000 (38 kDa band under reduced conditions)

Components

Screw capped clear glass vials of 25 µg of protein lyophilized from 10 mM TRIS HCl, 150 mM NaCl, 0.01% CHAPS, pH 8.0, with 200 mM mannitol.

Advantages

The lyophilized presentation allows greater stability until the expiration date.

Characteristics

Upon relipidation, this product will promote clotting in a two-stage prothrombin time test. Add 1.0 mL of filtered deionized or sterile water to generate a 25 µg/mL. Store lyophilized vials at +2/+8°C. Store reconstituted protein in aliquots frozen at -20°C or colder, avoid freeze-thaw cycles.

