



Recombinant Human Coagulation Factor III/Tissue Factor/CD142 Protein(C-6His)

Cat.NO.: TP05272

3th Edition

Synonyms:Tissue Factor; TF; Coagulation Factor III; Thromboplastin; CD142; F3

Description:Tissue Factor (TF) is a single-pass type I membrane glycoprotein member of the tissue factor family. TF expression is highly dependent upon cell type. This factor enables cells to initiate the blood coagulation cascades, and it functions as the high-affinity receptor for the coagulation factor VII. TF initiates blood coagulation by forming a complex with circulating factor VII or VIIa. The complex activates factors IX or X by specific limited proteolysis. TF plays a role in normal hemostasis by initiating the cell-surface assembly and propagation of the coagulation protease cascade.

Form:PBS

Molecular Weight:25.8 kDa

Sequences:Gly34-Glu251

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.