
Summary

Name	Tissue Factor
Purity	Greater than 98% as determined by reducing SDS-PAGE
Endotoxin level	≤10 EU/mg
Construction	Recombinant Human Tissue Factor is produced by our Mammalian cell expression system and the target gene encoding Ser33-Glu251 is expressed.
Accession #	P13726
Host	Human Cells
Species	Human
Predicted Molecular Mass	23.98 kDa
Formulation	Lyophilized From PBS,5% mannitol and 0.01% Tween 80, pH7.4
Shipping	The product is shipped on dry ice/polar packs.Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt.Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening.Do not mix by vortex or pipetting.It is not recommended to reconstitute to a concentration less than 100µg/ml.Dissolve the lyophilized protein in distilled water.Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

Alternative Names	Tissue Factor; TF; Coagulation Factor III; Thromboplastin; CD142; F3
Background	Full-length tissue factor (TF) is a transmembrane receptor and cofactor for factor (F)VII/FVIIa. In addition to full-length TF, an alternative spliced (as) form of TF can be generated that lacks the transmembrane domain and is released from cells. In contrast to TF, asTF has low procoagulant activity because it lacks the transmembrane domain. Tissue factor is expressed by cells around blood vessels, such as adventitial fibroblasts, and body surfaces, such as epithelial cells, and plays a critical role in hemostasis. TF also contributes to various forms of thrombosis. Many cancers, particularly adenocarcinomas, express high levels of TF. A high level of tumor TF expression is associated with poor prognosis in many types of cancers, including breast, prostate, colorectal, and pancreatic cancer.

Note

Product Name: Recombinant Human Tissue Factor
Catalog #: PCH2558



For Research Use Only , Not for Diagnostic Use.