Product Name: GMP Recombinant Human Tissue Factor
Catalog#: PCH90060

Summary

Name	Tissue Factor
Purity	Greater than 95% 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
Tag	Tag free
Host	Mammalian cell
Species	Human
Predicted MW	23.98 kDa
Form	Lyophilized
Buffer	PBS,5% mannitol and 0.01% Tween 80, pH7.4
Shipping	The product is shipped at ambient temperature. 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.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
References	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 fromcells. 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

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