# Recombinant Human Tissue Factor

*Catalog#:PCH2558*

## 概述（Summary）

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| **别称（Alternative Names）** | Tissue Factor; TF; Coagulation Factor III; Thromboplastin; CD142; F3 |
| **纯度（Purity）** | Greater than 95% as determined by reducing SDS-PAGE |
| **内毒素（Endotoxin level）** | ≤10 EU/mg |
| **蛋白构建（Construction）** | 【Ser33-Glu251】 |
| **Accession #** | P13726 |
| **表达宿主（Host）** | CHO |
| **种属（Species）** | Human |
| **预测分子量（Predicted MW）** | 23.98 kDa |
| **制剂（Form）** | Lyophilized from a 0.2 μm filtered solution of PBS,5% mannitol and 0.01% Tween 80, pH7.4 |
| **运输方式（Shipping）** | The product is shipped with ice bag. Upon receipt, store it immediately at the temperature listed below. |
| **稳定性&储存（Stability &Storage）** | 12 months at -20°C to -80°C in lyophilized state.6 months at -20°C to -80°C under sterile conditions after reconstitution.7-10 days at 2°C to 8°C under sterile conditions after reconstitution.Please minimize freeze-thaw cycles. |
| **复溶（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. |
| **背景介绍（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.

## 活性图（Bioactivity image）

图片 02

## 注意事项（Note）

For Research Use Only , Not for Diagnostic Use.