

Recombinant Human Tissue Factor

Catalog Number: Y04301

Characteristics:

Source	Chinese Hamster Ovary cell line
Description	Human Tissue Factor (S33-E251) Accession # P13726
Predicted molecular mass	24.8kDa

Specification:

Appearance	White powder, Colorless clear liquid after reconstitution
Purity	≥95%, by SDS-PAGE (under reducing (R)&Non-reducing conditions, visualized by Coomassie staining)
Endotoxin	≤10 EU/mg by the LAL method
Activity	Measured by its ability to activate Coagulation Factor VII in cleaving a fluorogenic peptide substrate Boc-VPR-AMC. The AC ₅₀ is < 5 µg/ml.
Formulation	Lyophilized from a 0.22 µm filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH7.4
Size	50 µg/vial, 1 mg/vial

Handling and Storage:

Reconstitution	It is recommended to redissolve in sterile deionized water.
Shipping	The product is shipped with blue ice
Storage & Stability	36 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 Use a manual defrost freezer and avoid repeated freeze-thaw cycles.