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Recombinant Human Tissue Factor

Product Number: CK04301

Characteristics:

Source: Chinese Hamster Ovary cell line

Description: Human Tissue Factor (S33-E251)

Accession # P13726

Predicted molecular mass: 24.8 kDa

Specification:

Appearance: White powder, Colorless clear liquid after reconstitution

Purity: $\geq 95\%$, 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 AC50 is < 5 $\mu\text{g/ml}$.

Formulation: Lyophilized from a 0.2 μm filtered solution containing PBS, 5% mannitol and 0.01% Tween 80, pH 7.4

Size: 50 $\mu\text{g/vial}$, 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 2°C to 8°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.**