

Product Data Sheet

Product Name: Tissue Factor Protein, Mouse (HEK293, His)
Cat. No.: GC26818
Batch No.: 1

Product Data

Purity >98% Source
Physical Appearance solid Shipping Condition

Synonyms Tissue 因子; Tissue factor; TF; Coagulation factor III

Amino Acid Sequence AGIPEKAFNLTWISTDFKILEWQPKPTNYTYTVQISDRSRNWKNKCFSTTDTECDLTDEIVKDV TWAYEAKVLSVPRRNSVHGDGDQLVIHGEEPPFTN.

Formulation Lyophilized from a 0.2 μm filtered solution of 20 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, pH 7.5.

Introduction

TF (Tissue Factor) is a glycoprotein that binds to Factor VII and VIIa to form a complex (TF:VIIa) that activates Factor IX to IXa. IXa, in the presence of Factor X and Factor V, converts Factor X to Xa, which then converts prothrombin to thrombin. Thrombin converts fibrinogen to fibrin, which is then cross-linked to form a blood clot. TF is also involved in the regulation of the complement system and the immune response.

Stability

Stored at -20°C for 2 years from date of receipt. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

Background

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Caution: Product has not been fully validated for medical applications. For research use only.
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