

ANTIGENIX AMERICA, INC.

PRODUCT INFORMATION SUMMARY

Human Tissue Factor

(Coagulation Factor III)

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|-----------------|----------------|----------|---------|
| Purified Factor | Product Number | HC67736A | 2.0 ug |
| | | HC67736B | 10.0 ug |

DESCRIPTION:

Human Tissue Factor (Coagulation Factor III or Thromboplastin) is a transmembrane glycoprotein that is a receptor for coagulation factor VII in the initiation of the coagulation cascade response. These peptides are expressed within most extra-vascular cells within organs and tissues. Tissue Factor can be stored by circulating cells in surface microparticles that can shed into circulation in response to injury.

Human Tissue Factor is a glycosylated homodimer with a 214 aa. monomer containing a C-terminal His-Tag. MW. of approx. 24 kDa, with apparent migration MW of approx. 50 kDa due to glycosylation - on gel reducing conditions.

SOURCE: CHO cells
Purity > 95% by HPLC analysis
Endotoxin < 0.1 ng per ug Tissue factor
Sterile-filtered and lyophilized from PBS

BIOLOGICAL ACTIVITY:

Under testing.

HANDLING AND STORAGE:

Purified Tissue factor is provided lyophilized. Store lyophilized, at -20° C. Microcentrifuge before reconstitution (see below). Upon reconstitution in 50 uL of **distilled** water, further dilute in PBS or other buffered solutions. Store small aliquots at -20° C, with addition of 0.1% BSA, for long-term storage - up to 3 months, at high concentration.

Before opening vial, it is recommended to microcentrifuge vial for 30 seconds to spin-down any lyophilized material that may adhere to top of vial. The small amounts of protein may adhere to the vial as a very thin coat of lyophilized material, and may be difficult to see as a pellet.

RESEARCH USE ONLY -NOT for DRUG USE

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