



**recombinant human
Tissue Factor Pathway Inhibitor (TFPI)**

Product No. ADG49

American Diagnostica GmbH
Kaplaneigasse 35 • D-64319 Pfungstadt • Germany
Tel: +49 (0)6157 990899 • Fax: +49 (0) 6157 990808

Description

Full-length recombinant human tissue factor pathway inhibitor (rec TFPI) with C-terminal His-Tag expressed in CAP-T cells. The protein was purified from serum-free cell culture media using affinity chromatography.

Intended Use

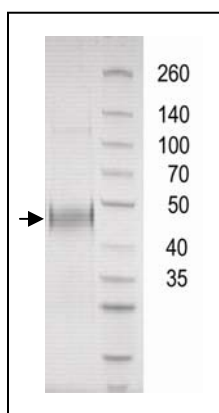
This product is intended to serve as a positive control for Western blot studies.

Properties

Although this product is intended for identity studies, this particular lot inhibited the catalytic activity of the TF/FVIIa complex to activate factor X to factor Xa (using the ACTICHROME[®] TFPI chromogenic activity kit, product no. 848).

Purity

Estimated at greater than 95% per SDS gel electrophoresis and coomassie staining. ADG49 appears as a single band at approximately 45 kDa.



Presentation

Clear glass screw capped vial containing 5 µg of recombinant human TFPI lyophilized from 50 µl of 50 mM Tris/HCl, 0.1 M NaCl, pH 7.4 with 0.2 M Mannitol added as an excipient. No preservatives have been added.

Reconstitution

Add 50 µl of filtered deionized water to dissolve the protein and generate a 100 µg/ml solution. When diluting TFPI below 100 µg/ml, it is recommended to add a carrier protein to prevent protein loss from sticking to glass surfaces.

Storage

Store lyophilized protein at 2°-8°C. Aliquot and store reconstituted protein in plastic tubes at -20 °C or colder. Avoid freeze-thaw cycles.

ADG49©ADG29112012