

Native Erythrina spp t-Plasminogen activator inhibitor

Cat. No. NATE-0878

Lot. No. (See product label)

Introduction

Description Plasminogen activator inhibitor-1 (PAI-1) also known as endothelial plasminogen activator inhibitor or serpin E1 is a protein that in humans is encoded by the SERPINE1 gene. PAI-1 is a serine protease inhibitor (serpin) that functions as the principal inhibitor of tissue plasminogen activator (tPA) and urokinase (uPA), the activators of plasminogen and hence fibrinolysis (the physiological breakdown of blood clots). It is a serine protease inhibitor (serpin) protein (SERPINE1).

Applications To inhibit serine proteases such as tissue plasminogen activator (thrombosis), and to affinity purify t-PA from melanoma cells.

Synonyms t-Plasminogen activator inhibitor; tPA inhibitor

Product Information

Species Erythrina spp

Source Seeds of an Erythrina spp

Form Lyophilized powder

Activity > 700 U/mg protein

Unit Definition One unit of inhibitory activity is defined as that amount of inhibitor that will inhibit one fluorometric unit of ETPAI by 50%.

Storage and Shipping Information

Storage -20°C