Creative Enzymes®

Native Human Plasmin

Cat. No. NATE-0598

Lot. No. (See product label)

Introduction

Description	Plasmin plays a role in fibrinolysis, fibrinogenolysis, and the complement cascade. This protease is prepared by activating human plasma plasminogen using streptokinase. This serine protease exhibits specific fibrinolytic activity with minimal off-target effects. Primarily used in thrombus dissolution research, coagulation studies, and as a reference standard in diagnostic applications.
Synonyms	Fibrinolysin

Product Information

Source	Human Plasma
Form	Lyophilized
Molecular Weight	81,000 Da
Purity	≥ 90% by SDS-PAGE
Activity	15 units/mg protein (pre freeze/lyophilization) 10 units/mg protein (post lyophilization)
Buffer	Lyophilized from 20 mM NaPO4, pH 7.4, with 25 mM Trehalose.
Unit Definition	One unit is defined as the amount of enzyme that hydrolyzes 1 µmol of tosyl-gly-pro-lys-pNa/per min at 25 °C, pH 7.8.

Usage and Packaging

Package	500 µg and 1 mg.

Storage and Shipping Information

Storage	≤ -20°C