

Native Human α -2 Antiplasmin

Cat. No. NATE-0011

Lot. No. (See product label)

Introduction

Description

Alpha 2-antiplasmin (or α 2-antiplasmin or plasmin inhibitor) is a serine protease inhibitor (serpin) responsible for inactivating plasmin, an important enzyme that participates in fibrinolysis and degradation of various other proteins. This protein is encoded by the SERPINF2 gene.

Synonyms

Alpha-2 Antiplasmin; α 2-antiplasmin; plasmin inhibitor; SERPINF2; A2AP; AAP; ALPHA-2-PI; API; PLI

Product Information

Species

Human

Source

Human Plasma

Form

Lyophilized

Molecular Weight

63-70 kDa

Purity

> 95% (SDS-PAGE)

Specificity

> 5 IU/mg

Pathway

Blood Clotting Cascade, organism-specific biosystem; Complement and Coagulation Cascades, organism-specific biosystem; Complement and coagulation cascades, organism-specific biosystem; Complement and coagulation cascades, conserved biosystem; Dissolution of Fibrin Clot, organism-specific biosystem; Hemostasis, organism-specific biosystem; Platelet activation, signaling and aggregation, organism-specific biosystem

Function

endopeptidase inhibitor activity; eukaryotic cell surface binding; protease binding; protein binding; protein homodimerization activity; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity; serine-type endopeptidase inhibitor activity

Storage and Shipping Information

Storage

-20°C