Creative Enzymes®

Staphylokinase from Staphylococcus aureus, Recombinant

Cat. No. NATE-0914

Lot. No. (See product label)

Introduction

Description	Staphylokinase (SAK), a 16kDa profibrinolytic protein from the Staphylococcus aureus, has been demonstrated to induce highly fibrin-specific thrombolysis in both human plasma and in limited clinical trials. Recent studies on the thrombolytic potential of recombinant SAK in achieving early perfusion in myocardial infarction and in the dissolution of platelet-rich clot have clearly established its immense utility in clinical medicine as a thrombolytic agent and suggested that it can be developed as a potent clot-dissolving agent.
Synonyms	Staphylokinase; SAK

Product Information

Species	Staphylococcus aureus
Source	E. coli
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Form	Lyophilized from a 0.2 μm filtered concentrated solution in PBS, pH 7.4.
Molecular Weight	15.6 kDa
Purity	> 97% by SDS-PAGE and HPLC analyses.
Activity	50000 IU/mg

Storage and Shipping Information

Storage	This lyophilized preparation is stable at 2-8 °C, but should be kept at -20 °C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2-8 °C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20 °C to -70 °C. Avoid repeated freeze/thaw cycles.