Creative Enzymes®

Staphylokinase, Recombinant

Cat. No. NATE-0915

Lot. No. (See product label)

Introduction

Description	Staphylokinase (SAK) is a 136-amino acidenzymefrom Staphylococcus aureus. It is positively regulated by the "agr" gene regulator. It activates plasminogen, which in turn can degrade various host proteins during infection.
Synonyms	Staphylokinase; SakSTAR; Neutral proteinase; Protease III; SAK

Product Information

Source	E. coli
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
Molecular Weight	15.5 kDa
Purity	Greater than 97.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
Activity	4600 IU/mg
Buffer	The protein was lyophilized from a sterile solution containing 20mM phosphate buffer pH-7.

Storage and Shipping Information

Stability	Lyophilized SAK although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution SAK should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.