

## Staphylokinase, Recombinant

Cat. No. NATE-0915

Lot. No. (See product label)

### Introduction

#### Description

Staphylokinase (SAK) is a 136-amino acid enzyme from *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.