

## Recombinant *Staphylococcus aureus* Enterotoxin type A protein, N-His

Catalog Number: bs-42352P

Concentration: >1mg/ml

Species: *Staphylococcus aureus*

AA Seq: 25-257/257

Predicted MW: 29.5 kDa

Tags: N-His

Endotoxin: Not analyzed

Purity: >90% as determined by SDS-PAGE

Purification: AC

Form: Liquid

Storage: 20mM Tris-HCl (pH=8.0).

Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

**Background:** *Staphylococcus aureus* is a bacterium that is a member of the Firmicutes, and is frequently found in the human respiratory tract and on the skin. Although *S. aureus* is not always pathogenic, it is a common cause of skin infections (e.g. boils), respiratory disease (e.g. sinusitis), and food poisoning. Disease-associated strains often promote infections by producing potent protein toxins, and expressing cell-surface proteins that bind and inactivate antibodies. *S. aureus* is a facultative anaerobic Gram-positive cocci bacterium, also known as "golden staph" and *Oro staphira*. In medical literature the bacteria is often referred to as *S. aureus* or *Staph aureus*. *Staphylococcus* should not be confused with the similarly named and medically relevant genus *Streptococcus*. *S. aureus* appears as grape-like clusters when viewed through a microscope, and has large, round, golden-yellow colonies, often with hemolysis, when grown on blood agar plates.

### VALIDATION IMAGES



The purity of the protein is greater than 90% as determined by reducing SDS-PAGE.