

Recombinant Staphylococcus aureus Enterotoxin A (SEA)

| | |
|---|--|
| Target | SEA |
| Nature | Recombinant |
| Tag/Conjugate | His |
| Molecular Weight | 28 kDa |
| Alternative Names | EntA; Enterotoxin type A; Staphylococcus enterotoxin A; Staphylococcus enterotoxin type A |
| Purity | > 95% as determined by SDS-PAGE |
| Format | Liquid |
| Concentration specific requirements | Batch dependent - please inquire should you have |
| Buffer | 0.01 M PBS, pH7.3 |
| Preservative | None |
| Storage | Store at -20°C to -80°C |

Introduction

The *S. aureus* enterotoxins (SEs) are potent gastrointestinal exotoxins synthesized by *S. aureus* throughout the logarithmic phase of growth or during the transition from the exponential to the stationary phase. They are active in high nanogram to low microgram quantities, and are resistant to conditions (heat treatment, low pH) that easily destroy the bacteria that produce them, and to proteolytic enzymes, hence retaining their activity in the digestive tract after ingestion.

Keywords

Staphylococcus aureus; Enterotoxins; SEs