



Enterotoxin Type C-2, Recombinant, Staphylococcus aureus, aa28-266 (EntC2)

Catalog number

405917

Supplier

United States Biological

Staphylococcal enterotoxins cause the intoxication staphylococcal food poisoning syndrome. The illness characterized by high fever, hypotension, diarrhea, shock, and in some cases death.

Source

Recombinant protein corresponding to aa28-266 from Staphylococcus aureus Enterotoxin type C-2, expressed in E. coli.

Molecular Weight

~27.6kD

AA Sequence

ESQPDPTPDELHKSSEFTGTMGMNKYLYDDHYVSATKVM SVDKFLAHDLIYNISDKKLNKYDKVKTELLNEDLAKKY
KDEVVDVYGSNYYYVNCYFSSKDNVGVKVTGGKTCMYGGITKHEGNHFDNGNLQNVLIRVYENKRNTISFEVQTDKK
SVTAQELDIKARNFLINKKNLYEFNSSPYETGYIKFIENNGNTFWYDMMPAPGDKFDQSKYLMMYNDNKTVDKSKSVK
IEVHLTTKNG

Storage and Stability

May be stored at 4°C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20°C. Aliquots are stable for 6 months after receipt at -20°C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.

Formulation

Supplied as a liquid in Tris-HCl, pH 8.0, 1mM EDTA, 50% glycerol.

Purity

≥90% (SDS-PAGE)

Grade

Purified

Storage

-20°C

MW

27.6

Antigen Modification

Recombinant, E. coli



Reference

1. "Conservation of the biologically active portions of staphylococcal enterotoxins C1 and C2."
Bohach G.A., Schlievert P.M. Infect. Immun. 57:2249-2252(1989)