

# Recombinant Staphylococcus aureus Enterotoxin type A protein

Catalog No: #AP72315

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Package Size: #AP72315-1 20ug #AP72315-2 100ug #AP72315-3 1mg

## Description

Product Name	Recombinant Staphylococcus aureus Enterotoxin type A protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:25-253aaSequence Info:Partial
Other Names	SEA
Accession No.	P0A0L2
Uniprot	P0A0L2
Calculated MW	30.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	SEKSEEINEKDLRKKSELQGTALGNLKQIYYNEKAKTENKESHQFLQHTILFKGFFTDHLSWYNDLLVDFDSK DIVDKYKGGKVDLYGAYGYQCAGGTPNKTACMYGGVTLHDNRLTEEKVPINLWLDGKQNTVPLETVKTN KKNVTVQELDLQARRYLQEKYNLYNSDVFQDGVQRGLIVFHTSTEPSVNYDLFGAQQQYSNTLLRIYRDNKTI NSENMHIDIY
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

## Background

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

## References

A structural and functional comparison of staphylococcal enterotoxins A and C2 reveals remarkable similarity and dissimilarity.Schad E.M., Papageorgiou A.C., Svensson L.A., Acharya K.R.J. Mol. Biol. 269:270-280(1997)Research Topic:Others

Note: This product is for in vitro research use only