

Recombinant Staphylococcus aureus Enterotoxin type C-3(entC3)

Catalog No: #AP71129

Package Size: #AP71129-1 20ug #AP71129-2 100ug #AP71129-3 1mg

Description

Product Name	Recombinant Staphylococcus aureus Enterotoxin type C-3(entC3)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:28-266aaSequence Info:Full Length
Other Names	SEC3
Accession No.	P0A0L5
Calculated MW	43.6 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	ESQPDPMPDDLHKSSEFTGTMGNMKYLYDDHYVSATKVKSVDKFLAHDLIYNISDKKLKNYDKVKTELLNEDL AKKYKDEVVDVYGSNYYVNCYFSSKDNVGKVTGGKTCMYGGITKHEGNHFDNGLQNVLVRVYENKRNTISF EVQTDKKSVTAEQELDIKARNFLINKKNLYEFNSSPYETGYIKFIENNGNTFWYDMMPAPGDKFDQSKYLMMYN DNKTVDSKSVKIEVHLTTKNG
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

Crystal structure of a T-cell receptor beta-chain complexed with a superantigen.Fields B.A., Malchiodi E.L., Li H., Ysern X., Stauffacher C.V., Schlievert P.M., Karjalainen K., Mariuzza R.A.Nature 384:188-192(1996) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.