

Enterotoxin type A (entA) Recombinant Protein | entA recombinant protein

Recombinant Staphylococcus aureus Enterotoxin type A (entA), partial

CATALOG # AAA116207	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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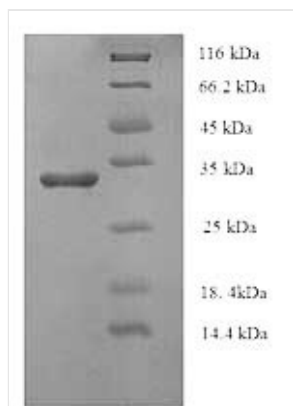
PRODUCT SYNONYMS

Enterotoxin type A (entA); Recombinant Staphylococcus aureus Enterotoxin type A (entA); partial; SEA; entA recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	25-253aa; Partial
Sequence	SEKSEEINEK DLRKKSELQG TALGNLKQIY YYNEKAKTEN KESHDQFLQH TILFKGFFTD HSWYNDLLVD FDSKDIVDKY KGKKVDLYGA YGYQCAGGT PNKTACMYGG VTLHDNNRLT EEKKVPINLW LDGKQNTVPL ETVKTNKKNV TVQELDLQAR RYLQEKYNLY NSDVFDGKVQ RGLIVFHTST EPSVNYDLFG AQGQYSNTLL RIYRDNKTIN SENMHIDIY
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for entA recombinant protein	Staphylococcal enterotoxins cause the intoxication staphylococcal food poisoning syndrome. The illness is characterized by high fever, hypotension, diarrhea, shock, and in some cases death.
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References	Nucleotide sequence of the type A staphylococcal enterotoxin gene.Betley M.J., Mekalanos J.J.J. Bacteriol. 170:34-41(1988) Complete amino acid sequence of staphylococcal enterotoxin A.Huang I.-Y., Hughes J.L., Bergdoll M.S., Schantz E.J.J. Biol. Chem. 262:7006-7013(1987) Crystal structure of the superantigen staphylococcal enterotoxin type A.Schad E.M., Zaitseva I., Zaitsev V.N., Dohlsten M., Kalland T., Schlievert P.M., Ohlendorf D.H., Svensson L.A.EMBO J. 14:3292-3301(1995) The Co-crystal structure of staphylococcal enterotoxin type A with Zn²⁺ at 2.7-Å resolution. Implications for major histocompatibility complex class II binding.Sundstroem M., Hallen D., Svensson A., Schad E., Dohlsten M., Abrahmsen L.J. Biol. Chem. 271:32212-32216(1996) Residues defining V beta specificity in staphylococcal enterotoxins.Swaminathan S., Furey W.F. Jr., Pletcher J., Sax M.Nat. Struct. Biol. 2:680-686(1995) 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)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	446673066
NCBI Accession #	WP_000750412.1
NCBI GenBank Nucleotide #	WP_000750412.1
UniProt Accession #	P0A0L2; P13163
Molecular Weight	30.5 kDa
NCBI Official Full Name	enterotoxin
UniProt Protein Name	Enterotoxin type A
UniProt Gene Name	entA
UniProt Entry Name	ETXA_STAAU

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.