

Enterotoxin type C-2 Recombinant Protein | entC2 recombinant protein

Recombinant Staphylococcus aureus Enterotoxin type C-2

CATALOG # AAA114413	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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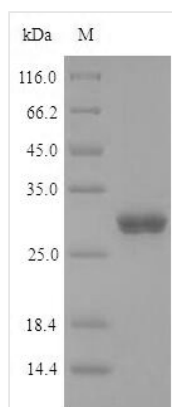
PRODUCT SYNONYMS

Enterotoxin type C-2; Recombinant Staphylococcus aureus Enterotoxin type C-2; SEC2; entC2 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	28-266aa; Full Length
Sequence	ESQPDPTPDE LHKSSFTGT MGNMKYLYDD HYVSATKVMS VDKFLAHDLI YNISDKKLKN YDKVKTELLN EDLAKKYKDE VVDVYGSNYY VNCYFSSKDN VGKVTGGKTC MYGGITKHEG NHFDNGNLQN VLIRVYENKR NTISFEVQTD KKSMTAQELD IKARNFLINK KNLYEFNSSP YETGYIKFIE NNGNTFWYDM MPAPGDKFDQ SKYLMYNDN KTVDSKSVKI EVHLTTKNG
Sequence Length	266
Production Note	Special Offer: The E. coli host-expressed protein is manufactured from a stock plasmid containing the protein gene. E. coli host-expressed protein is stocked in different unit sizes ranging from as small as 10 ug to as large as 1 mg. Bulk inventory is also available. The E. coli host-expressed protein has been ordered over and over again by researchers and has stood the test of time as both a robust protein and important target for the research community. It is part of our new program to make our most popular protein targets and corresponding hosts available in expanded unit sizes and with a quick processing time. Select E. coli host-expressed protein for the fastest delivery among all hosts. Please or email to for more details.
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 entC2 recombinant protein	Staphylococcal enterotoxins cause the intoxication staphylococcal food poisoning syndrome. The illness characterized by high fever, hypotension, diarrhea, shock, and in some cases death.
References	Conservation of the biologically active portions of staphylococcal enterotoxins C1 and C2.Bohach G.A., Schlievert P.M.Infect. Immun. 57:2249-2252(1989) Crystal structure of the superantigen enterotoxin C2 from Staphylococcus aureus reveals a zinc-binding site.Papageorgiou A.C., Acharya K.R., Shapiro R., Passalacqua E.F., Brehm R.D., Tranter H.S.Structure 3:769-779(1995) 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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	446966296
NCBI Accession #	WP_001043552.1
NCBI GenBank Nucleotide #	WP_001043552.1
UniProt Accession #	P34071
Molecular Weight	43.6 kDa
NCBI Official Full Name	enterotoxin
UniProt Protein Name	Enterotoxin type C-2
UniProt Gene Name	entC2
UniProt Entry Name	ENTC2_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.