

Heat-labile enterotoxin B chain Recombinant Protein | eltB recombinant protein

Recombinant Escherichia coli Heat-labile enterotoxin B chain

CATALOG # AAA114950	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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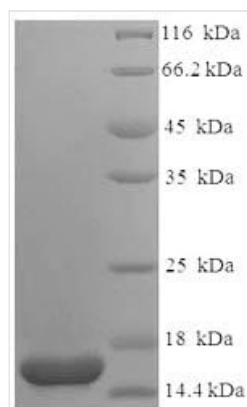
PRODUCT SYNONYMS

Heat-labile enterotoxin B chain; Recombinant Escherichia coli Heat-labile enterotoxin B chain; LT-B; human; LTH-B; eltB 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	22-124 . Full Length of Mature Protein
Sequence	APQSITELCS EYHNTQIYTI NDKILSYTES MAGKREMVII TFKSGATFQV EVPGSQHIDS QKKAIERMKD TLRITYLTET KIDKLCVWNN KTPNSIAAIS MEN
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 eltB recombinant protein	The biological activity of the toxin is produced by the A chain, which activates intracellular adenyl cyclase.
References	Nucleotide sequence comparison between heat-labile toxin B-subunit cistrons from Escherichia coli of human and porcine origin.Leong J., Vinal A.C., Dallas W.S.Infect. Immun. 48:73-77(1985) Germani Y., Desperrier J.-M. A unique amino acid sequence of the B subunit of a heat-labile enterotoxin isolated from a human enterotoxigenic Escherichia coli.Tsuji T., Iida T., Honda T., Miwatani T., Nagahama M., Sakurai J., Wada K., Matsubara H.Microb. Pathog. 2:381-390(1987) Identification of errors among database sequence entries and comparison of correct amino acid sequences for the heat-labile enterotoxins of Escherichia coli and Vibrio cholerae.Domenighini M., Pizza M., Jobling M.G., Holmes R.K., Rappuoli R.Mol. Microbiol. 15:1165-1167(1995) Crystal structure of the B subunit of Escherichia coli heat-labile enterotoxin carrying peptides with anti-herpes simplex virus type 1 activity.Matkovic-Calogovic D., Loregian A., D'Acunto M.R., Battistutta R., Tossi A., Palu G., Zanotti G.J. Biol. Chem. 274:8764-8769(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	585223362
NCBI Accession #	WP_024167713.1
NCBI GenBank Nucleotide #	WP_024167713.1
UniProt Accession #	P0CK94; P13811
Molecular Weight	17 kDa
NCBI Official Full Name	enterotoxin
UniProt Protein Name	Heat-labile enterotoxin B chain
UniProt Gene Name	eltB
UniProt Synonym Gene Names	ltpB
UniProt Entry Name	ELBH_ECOLX

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.

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Online datasheet: <https://www.aaabiotech.com/eltb-recombinant-protein-e-coli/114950>