

Cholera enterotoxin subunit B (ctxB) Recombinant Protein | ctxB recombinant protein

Recombinant Vibrio cholerae serotype O1 Cholera enterotoxin subunit B (ctxB)

CATALOG # AAA115844	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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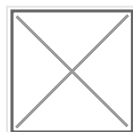
PRODUCT SYNONYMS

Cholera enterotoxin subunit B (ctxB); Recombinant Vibrio cholerae serotype O1 Cholera enterotoxin subunit B (ctxB); Cholera enterotoxin subunit B; Cholera enterotoxin B chain; Cholera enterotoxin gamma chain; Cholera toxin; ctxB 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	TPQNITDLCA EYHNTQIYTL NDKIFSYTES LAGKREMAII TFKNGAIFQV EVPGSQHIDS QKKAIERMKD TLRIAYLTEA KVEKLCVWNN KTPHAIAAIS MAN
Species	Vibrio cholerae serotype O1 (strain 39315 / El Tor Inaba N16961)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ctxB recombinant protein	The B subunit pentameric ring directs the A subunit to its target by binding to the GM1 gangliosides present on the surface of the intestinal epithelial cells. It can bind five GM1 gangliosides. It has no toxic activity by itself.
Product Categories/Family for ctxB recombinant protein	Microbiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	15641467
NCBI GeneID	2613962
NCBI Accession #	NP_231099.1
NCBI GenBank Nucleotide #	NC_002505.1
UniProt Accession #	P01556 ; Q9JQ02
Molecular Weight	15.6 kDa

NCBI Official Full Name	cholera enterotoxin subunit B
NCBI Official Symbol	VC1456
NCBI Protein Information	cholera enterotoxin subunit B
UniProt Protein Name	Cholera enterotoxin subunit B
UniProt Gene Name	ctxB
UniProt Synonym Gene Names	toxB
UniProt Entry Name	CHTB_VIBCH

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://stage.aaabiotech.com/ctxb-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/115844>