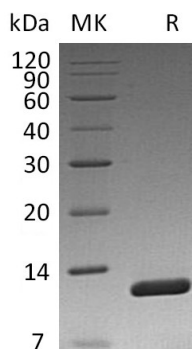


Summary

Name	Toxin B
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Vibriocholerae Toxin B is produced by our E.coli expression system and the target gene encoding Thr22-Asn124 is expressed.
Accession #	P01556
Host	E.coli
Species	Vibrio cholerae
Predicted Molecular Mass	11.8 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of 50mM Tris-HCl, 200mM NaCl, pH 8.0.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image



Background

Product Name: Recombinant Vibriocholerae Toxin B
Catalog #: PEV1702



Alternative Names

Cholera enterotoxin subunit B;Cholera enterotoxin B chain;Cholera enterotoxin gamma chain;Cholera toxin B subunit;ctxB;toxB

Background

Cholera toxin is protein complex secreted by the bacterium *Vibrio cholerae*. It is responsible for the massive, watery diarrhea characteristic of cholera infection. Cholera enterotoxin subunit B (CTXB) 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.

Note

For Research Use Only , Not for Diagnostic Use.