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## Product Datasheet

### Recombinant Vibrio cholerae Toxin B EBT-EPT133

Article Name	Recombinant Vibrio cholerae Toxin B
Biozol Catalog Number	EBT-EPT133
Supplier Catalog Number	EPT133
Alternative Catalog Number	EBT-EPT133-10
Manufacturer	ELK Biotechnology
Category	Proteine/Peptide
Product Description	Recombinant Vibrio cholerae Toxin B is produced by our E.coli expression system and the target gene encoding Thr22-Asn124 is expressed....
Molecular Weight	Molecular weight: 11.8 KDa. Apparent molecular weight: 11 KDa, reducing conditions
UniProt	<a href="#">P01556</a>
Purity	Greater than 95% as determined by reducing SDS-PAGE.

Application Notes

Redissolve: Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.. Endotoxin: Less than 0.1 ng/ $\mu$ g (1 EU/ $\mu$ g) as determined by LAL test. 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.