

## Product datasheet for **TP727307**

### ctxB *Vibrio cholerae* Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant <i>Vibrio cholerae</i> Toxin B
Species:	<i>Vibrio cholerae</i>
Expression cDNA Clone or AA Sequence:	Thr22-Asn124
Buffer:	Lyophilized from a 0.2 um filtered solution of 50mM Tris-HCl, 200mM NaCl, pH 8.0.
Note:	Recombinant <i>Vibrio cholerae</i> Toxin B is produced by our E.coli expression system and the target gene encoding Thr22-Asn124 is expressed.
Stability:	12 months from date of despatch
Locus ID:	57740119
UniProt ID:	<a href="#">P01556</a>
Summary:	Cholera toxin is protein complex secreted by the bacterium <i>Vibrio cholerae</i> . 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.



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