

Native *Vibrio cholerae* ctxB Protein

Cat. No. ctxB-01V Lot. No. (See product label)

SPECIFICATION

Product Overview	Native <i>Vibrio cholerae</i> ctxB Protein was extracted from <i>Vibrio cholerae</i>
Species	<i>Vibrio cholerae</i>
Source	<i>Vibrio cholerae</i>
Description	Cholera toxin consists of a single A subunit surrounded by five B subunits. 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.
Form	Lyophilized
Usage	RUO - Research Use Only
Storage	long time storage: +4°C
Storage Buffer	Lyophilized from 0.05M Tris, pH 7.5, containing 200 mM NaCl, and 1 mM Na ₂ EDTA.
Reconstitution	Reconstitute with 0.5ml sterile water to a 2mg/mL solution.
Handling	Handle gently and do not vortex. Store at +4°C prior to and following reconstitution. Do not freeze.
Shipping	Ambient

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GENE INFORMATION

Gene Name	ctxB cholera enterotoxin binding subunit CtxB [Vibrio cholerae O1 biovar El Tor str. N16961]
Official Symbol	ctxB
Gene ID	2613962
Protein Refseq	WP_000593522.1
UniProt ID	P01556

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