

Recombinant Vibrio Cholerae Serotype O1 CTXB Protein (22-124 aa), His-tagged

Cat. No. CTXB-2270V **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Vibrio Cholerae Serotype O1 (strain ATCC 39315/El Tor Inaba N16961) CTXB Protein (22-124 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Microbiology. Protein Description: Full Length of Mature Protein.
Species	Vibrio Cholerae Serotype O1
Source	E.coli
ProteinLength	22-124 aa
Description	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	Tris-based buffer, 50% glycerol
Molecular Mass	15.6 kDa
AA Sequence	TPQNITDLCAEYHNTQIYTLNDKIFSATESLAGKREMAITFKNGAIFQVEVPGSQHIDS QKKAIERMKDTRLRIAYLTEAKVEKLCVWNNKTPHAIAAISMAN
Purity	> 90% as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.
GENE INFORMATION	
Synonyms	ctxB;
UniProt ID	P01556
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.	