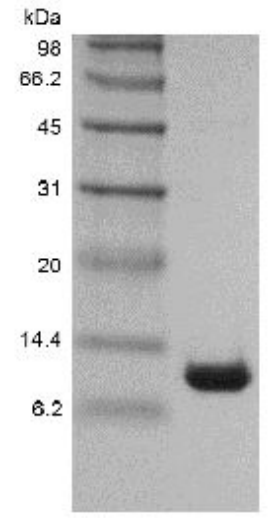
Recombinant Vibrio cholerae Cholera Toxin

Cat. No. VC1456-102B **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Vibrio cholerae Cholera Toxin(P01556)(22-124 aa) was expressed in E.coli.
Species	Vibrio cholerae
Source	E.coli
ProteinLength	22-124 aa
Form	Supplied as a 0.2 μm filtered solution in 5 mM PB, pH 7.0, 75 mM NaCl, with 50 % glycerol.
Molecular Mass	Approximately 11.6 kDa, a single non-glycosylated polypeptide chain containing 103 amino acids.
AASequence	TPQNITDLCA EYHNTQIYTL NDKIFSYTES LAGKREMAII TFKNGAIFQV EVPGSQHIDS QKKAIERMKD TLRIAYLTEA KVEKLCVWNN KTPHAIAAIS MAN
Endotoxin	Less than 0.1 EU/μg of rCTB as determined by LAL method.
Purity	>98% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after

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

	reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.
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