



Recombinant *Vibrio cholerae* serotype O1 Toxin coregulated pilin (tcpA)

Product Code	CSB-EP720099VEX
Abbreviation	tcpA
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q60153
Product Type	Recombinant Protein
Immunogen Species	<i>Vibrio cholerae</i> serotype O1 (strain ATCC 39315 / El Tor Inaba N16961)
Purity	≥85% (SDS-PAGE)
Sequence	MTLLE VIIVLGIMGV VSAGVVTLAQ RAIDSQNMTK AAQNLNSVQI AMTQTYRSLG NYPATANANA ATQLANGLVS LGKVSADAEK NPFTGTAMGI FSFPRNSAAN KAFAITVGGL TQAQCKTLVT SVGDMFPFIN VKEGAFAAVA DLGDFETSVA DAATGAGVIK SIAPGSANLN LTNITHVEKL CTGTAPFTVA FGNS
Source	E.coli
Target Names	tcpA
Protein Names	Recommended name: Toxin coregulated pilin Alternative name(s): Pilus colonization factor
Expression Region	26-224
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.