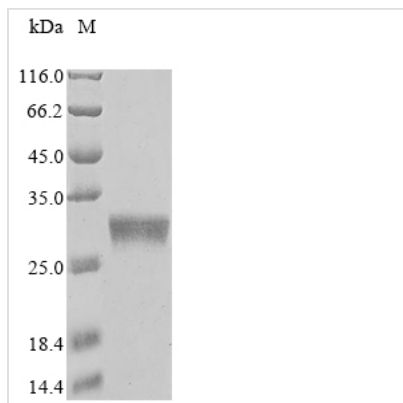




# Recombinant Corynephage omega Diphtheria toxin, partial

<b>Product Code</b>	CSB-EP360420CQS
<b>Abbreviation</b>	Recombinant Corynephage omega Diphtheria toxin protein, partial
<b>Storage</b>	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.
<b>Uniprot No.</b>	P00587
<b>Form</b>	Liquid or Lyophilized powder
<b>Storage Buffer</b>	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose.
<b>Product Type</b>	Recombinant Proteins
<b>Immunogen Species</b>	Corynephage omega
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Sequence</b>	GADDVVDSSKSFVMENFSSYHGTPGYVDSIQKGIQKPKSGTQGNYYDDWK GFYSTDNKYDAAGYSVDNENPLSGKAGGVVKVTYPGLTKVLALKVDNAETIKK ELGLSLTEPLMEQVGTEEFIKRFGDGASRVVLSLPFAEGSSSVEYINNWEQAK ALSVELEINFETRGRGQDAMYEYMAQACAGNRVRR
<b>Research Area</b>	Others
<b>Source</b>	E.coli
<b>Target Names</b>	N/A
<b>Protein Names</b>	Recommended name: Diphtheria toxin Short name= DTA Alternative name(s): NAD(+)--diphthamide ADP-ribosyltransferase EC= 2.4.2.36 Cleaved into the following 2 chains: 1. Diphtheria toxin fragment A 2. Diphtheria toxin fragment B
<b>Expression Region</b>	26-218aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal 10xHis-tagged and C-terminal Myc-tagged
<b>Mol. Weight</b>	28.6 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

## Description

Dive into the high-quality Recombinant Corynebacterium omega Diphtheria toxin, a powerful tool for your research endeavors. This recombinant protein features the Diphtheria toxin (DT) from Corynebacterium omega, expressed in E.coli, offering a partial protein length that covers an expression region of 26-218aa.

With both N-terminal 10xHis-tag and C-terminal Myc-tag, this protein ensures accurate detection and purification. Our product demonstrates a purity greater than 85% as determined by SDS-PAGE, guaranteeing reliable performance in your experiments. Provided as a lyophilized powder, this versatile recombinant protein is designed to meet your research needs.

## 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.