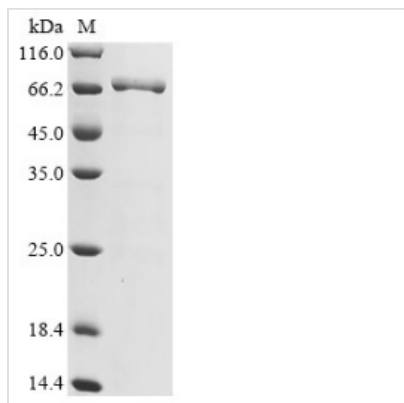


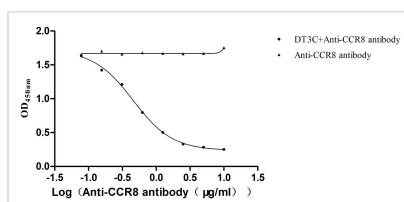


# Recombinant DT3C (Diphtheria toxin & spg 3C domain) for Antibody Internalization Assay (Active)

<b>Product Code</b>	CSB-EP360556CQR1
<b>Abbreviation</b>	Recombinant Corynephage beta DT3C protein (Active)
<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>	P00588/P19909
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	N/A
<b>Biological Activity</b>	①After DT3C 10µg/ml formed complexes with different concentrations of Anti-CCR8 antibodies (CSB-RA004847MA3HU), cytotoxicity experiments were conducted on CHOK1/Human CCR8 cells (CSB-SC004847HU2). The ED50 is 0.3708-0.5608 µg/ml.②After DT3C 10µg/ml formed complexes with different concentrations of Anti-CCR8 antibodies (CSB-RA004847MA3HU), cytotoxicity experiments were conducted on CT26/Human CCR8 cells (CSB-SC004847HU3). The ED50 is 0.4661-0.8614 µg/ml.
<b>Purity</b>	≥ 90% as determined by SDS-PAGE.≥ 90% as determined by SEC-HPLC.
<b>Source</b>	E.coli
<b>Target Names</b>	DT3C
<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 6xHis-tagged
<b>Mol. Weight</b>	69.4 kDa
<b>Protein Length</b>	Linked Heterodimer
<b>Image</b>	

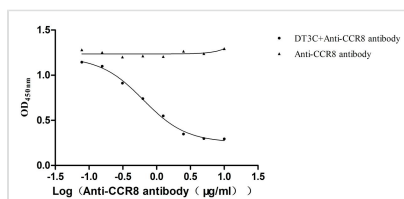


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



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### Endotoxin

Less than 1.0 EU/ug as determined by LAL method.

### 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

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