



# Recombinant Tomato mosaic virus Capsid protein (CP)

<b>Product Code</b>	CSB-EP865535TGG
<b>Abbreviation</b>	CP
<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>	Q9Q1T6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Tomato mosaic virus (strain Kazakh K1) (ToMV) (TMV strain K1)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	SYPI TSPSQ FVFLSSVWAD PIELLNVCTN SLGNQFQTQQ ARTTVQQQFS E V W E P F P Q S T V R F P G D V Y K V Y R Y N A V L D P L I T A L L G T F D T R N R I I E V E N R Q S P T T A E T L D A T R R V D D A T V A I R S A I N N L V N E L V R G T G L Y N Q N T F E S M S G L V W T S A P A S
<b>Source</b>	E.coli
<b>Target Names</b>	CP
<b>Protein Names</b>	Recommended name: Capsid protein Alternative name(s): Coat protein
<b>Expression Region</b>	2-159
<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>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full Length of Mature Protein
<b>Reconstitution</b>	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.
<b>Shelf Life</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.