



Recombinant Staphylococcus aureus Diapolycopene oxygenase (crtP)

Product Code	CSB-EP847810SUL
Abbreviation	crtP
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.	Q8NUQ3
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain MW2)
Purity	≥85% (SDS-PAGE)
Sequence	MTKHIIIVIGG GLGGISAAIR MAQSGYSVSL YEQNNHIGGK VNRHESDGFG FDLGPSILTM PYIFEKLFY SKKQMSDYVT IKRLPHQWRS FFPDGTIDL YEGIKETGQH NAILSKQDIE ELQNYLNYTR RIDRITEKGY FNYGLDTLSQ IIFFHGPLNA LINYDYVHTM QQAIDKRISN PYLRQMLGYF IKYVGSSSYD APAVLSMLFH MQQEQLWYV EGGIHLANA LEKLAREEGV TIHTGARVDN IKTYQRRVTG VRLDTGEFVK ADYIISNMEV IPTYKYLIHL DTQRLNKLER EFEPASSGYV MHLGVACQYP QLAHHNFFFT ENAYLNYQQV FHEKVLPPDDP TIYLVNTNKT DHTQAPVGYE NIKVLPHIPY IQDQPFTTED YAKFRDKILD KLEKMGLTDL RKHIIYEDVW TPEDIEKNYR SNRGAIYGFV ADKKKNKGFK FPKESQYFEN LYFVGGSVNP GGGIPMVTLS GQQVADKINA REAKNRK
Source	E.coli
Target Names	crtP
Protein Names	Recommended name: Diapolycopene oxygenase EC= 1.14.99.44 Alternative name(s): 4,4'-diaponeurosporene oxidase
Expression Region	1-497
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 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.