



Recombinant Staphylococcus aureus Dehydrosqualene synthase (crtM)

Product Code	CSB-MP739866SKW
Abbreviation	crtM
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.	Q6G6B2
Product Type	Recombinant Protein
Immunogen Species	Staphylococcus aureus (strain MSSA476)
Purity	>85% (SDS-PAGE)
Sequence	MTMMDMNFKY CHKIMKKHSK SFSYAFDLLP EDQRKAVWAI YAVCRKIDDS IDVYGDIQFL NQIKEDIQSI EKYPYEHHSF QSDRRIMMAL QHVAQHKNIA FQSFYNLIDT VYKDQHFTMF ETDAELFGYC YGVAGTVGEV LTPILSDHET HQTYDVARRL GESLQLINIL RDVGEDFDNE RIYFSKQRLK QYEVDIAEVY QNGVNNHYID LWEYYAAIAE KDFQDVMDQI KVFSIEAQPI IELAARIYIE ILDEVRQANY TLHERVFVDK RKKAKLFHEI NSKYHRI
Source	Mammalian cell
Target Names	crtM
Protein Names	Recommended name: Dehydrosqualene synthase EC= 2.5.1.96 Alternative name(s): 4,4'-diapophytoene synthase Short name= DAP synthase Diapophytoene synthase
Expression Region	1-287
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.