



Recombinant Streptomyces sp. Pentalenene synthase

Product Code	CSB-EP700947SEAF
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.	Q55012
Product Type	Recombinant Protein
Immunogen Species	Streptomyces exfoliatus (Streptomyces hydrogenans)
Purity	>85% (SDS-PAGE)
Sequence	PQDVDFHIP LPGRQSPDHA RAEAEQLAWP RSLGLIRSDA AAERHLRGGY ADLASRFYPH ATGADLDLGV DLMSWFFLFD DLFDGPRGEN PEDTKQLTDQ VAAALDGPLP DTAPPIAHGF ADIWRRTCEG MTPAWCARSA RHWRNYFDGY VDEAESRFWN APCDSAAQYL AMRRHTIGVQ PTVDLAERAG RFEVPHRVFD SAVMSAMLQI AVDVNLLLND IASLEKEEAR GEQNNMVMIL RREHGWSKSR SVSHMQNEVR ARLEQYLLLE SCLPKVGEIY QLDTAEREAL ERYRTDAVRT VIRGSYDWHR SSGRYDAEFA LAAGAQQYLE ELGSSAH
Source	E.coli
Target Names	penA
Protein Names	Recommended name: Pentalenene synthase Short name= PS EC= 4.2.3.7 Alternative name(s): Sesquiterpene cyclase Sesquiterpene synthase
Expression Region	2-337
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 of Mature 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.