



Recombinant *Schizosaccharomyces pombe* Chorismate synthase (SPCC1223.14, SPCC297.01)

Product Code	CSB-YP530388SXV
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.	O74413
Product Type	Recombinant Protein
Immunogen Species	<i>Schizosaccharomyces pombe</i> (strain 972 / ATCC 24843) (Fission yeast)
Purity	≥85% (SDS-PAGE)
Sequence	MSSFGLTFKV TTYGESHCKS VGCIVEGCPP GMNLTESDVQ VQLTRRRPGQ SNLTTPRNEK DKVQIQSGTE FGVTLGTPIG MLVLNQDQKP HDYSDMDNYP RPSHADYTYL EKYGVKASSG GGRSSARETI GRVAAGAIIE KYLLEAYGVE IVAFVSSVGK IAIPHETAS SAILDPEDDT FESPITAEYL KFLNKITREE VDKTTVRCPH AATAAKMAER ITRARDNHDS IGGTVTCVIR NVPTGLGEP FDKLEAKLAH AMMSIPATKS FEIGSGREGC KVAGSKHNDL FYRNADTGKL GTLTNNSSGGV QGGISNGENV YFTIGFKSPA TIGVEQSTSR YDGS DGV LAA KGRHDP CVVP RAIPIVEAMA ALVVM DAVMI QQSRIASRNL LPNAQ
Source	Yeast
Target Names	SPCC1223.14
Protein Names	Recommended name: Chorismate synthase EC= 4.2.3.5 Alternative name(s): 5-enolpyruvylshikimate-3-phosphate phospholyase
Expression Region	1-395
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.