



Recombinant Escherichia coli Anthranilate synthase component 1 (trpE)

Product Code	CSB-EP360458ENV-B
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.	P00895
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	>85% (SDS-PAGE)
Sequence	MQTQKPTLEL LTCEGAYRDN PTALFHQLCG DRPATLLLES ADIDSKDDLK SLLLVDLSALR ITALGDTVTI QALSGNGEAL LALLDNALPA GVESEQSPNC RVLRFPVSP LLEDARLCS LSVFDAFRLL QNLLNVPKEE REAMFFGGLF SYDLVAGFED LPQLSAENNC PDFCFYLAET LMVIDHQKKS TRIQASLFAP NEEEKQRLTA RLNELRQQLT EAAPPLPVVS VPHMRCECNQ SDEEFGGVVR LLQKAIRAGE IFQVVPSRRF SLPCPSPLAA YYVLKKSNSPYSYMFFMQDND FTLFGASPES SLKYDATSRQ IEIYPIAGTR PRGRRADGSL DRDLDSRIEL EMRTDHEKELS EHLMLVDLAR NDLARICTPG SRYVADLTKV DRYSYVMHLV SRVVGELRHD LDALHAYRAC MNMGTLSGAP KVRAMQLIAE AEGRRRGSYG GAVGYFTAHG DLDT CIVIRS ALVENGIATV QAGAGVVLDS VPQSEADETR NKARAVLR AIATAHHAQETF
Source	E.coli
Target Names	trpE
Protein Names	Recommended name: Anthranilate synthase component 1 EC= 4.1.3.27 Alternative name(s): Anthranilate synthase component I
Expression Region	1-520
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.