



# Recombinant Escherichia coli Anthranilate synthase component 1 (trpE)

<b>Product Code</b>	CSB-YP360458ENV
<b>Storage</b>	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.
<b>Uniprot No.</b>	P00895
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MQTQKPTLEL LTCEGAYRDN PTALFHQLCG DRPATLLLES ADIDSKDDLK SLLLVDLSALR ITALGDTVTI QALSGNGEAL LALLDNALPA GVESEQSPNC RVLRFPPVSP LLEDARLCS LSVFDAFRLL QNLLNVPKEE REAMFFGGLF SYDLVAGFED LPQLSAENNC PDFCFYLAET LMVIDHQKKS TRIQASLFAP NEEEKQRLTA RLNELRQQLT EAAPPLPVVS VPHMRCECNQ SDEEFGGVVR LLQKAIRAGE IFQVVPSRRF SLPCPSPLAA YYVLKKSNSPYS PYMFFMQDND FTLFGASPES SLKYDATSRQ IEIYPIAGTR PRGRRADGSL DRDLDSRIEL EMRTDHKELS EHLMLVDLAR NDLARICTPG SRYVADLTKV DRYSYVMHLV SRVVGELRHD LDALHAYRAC MNMGTLGAP KVRAMQLIAE AEGRRRGSYG GAVGYFTAHG DLDT CIVIRS ALVENGIATV QAGAGVVLDS VPQSEADETR NKARAVLR AIATAHHAQETF
<b>Source</b>	Yeast
<b>Target Names</b>	trpE
<b>Protein Names</b>	Recommended name: Anthranilate synthase component 1 EC= 4.1.3.27 Alternative name(s): Anthranilate synthase component I
<b>Expression Region</b>	1-520
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.