



# Recombinant Escherichia coli Anthranilate synthase component II (trpD)

<b>Product Code</b>	CSB-EP365487ENV-B
<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>	P00904
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli (strain K12)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	ADILLLDNI DSFTYNLADQ LRSNGHNVVI YRNHIPAQTL IERLATMSNP VLMLSPGPGV PSEAGCMPEL LTRLRGKLP IIGICLGHQAI VEAYGGYVGG AGEILHGKAS SIEHDGQAMF AGLTNPLPVA RYHSLVGSNI PAGLTINAHF NGMVM AVRHD ADRVCGFQFH PESILTTQGA RLLEQTLAWA QQKLEPANTL QPILEKLYQA QTLSQQESHQ LFSAVVRGEL KPEQLAAALV SMKIRGEHPN EIAGAATALL ENAAPFPRPD YLFADIVGTG GDGSNSINIS TASAFVAAAC GLKVAKHG NR SVSSKSGSSD LLAAFGINLD MNADKSRQAL DELGVCFLFA PKYHTGFRHA MPVRQQLKTR TLFNVLGPLI NPAHPPLALI GVYSPELVLP IAETLRVLGY QRAAVVHSGG MDEVSLHAPT IVAELHDGEI KSYQLTAEDF GLTPYHQEQL AGGTPEENRD ILTRLLQGKG DAAHEAAVAA NVAMLMRLHG HEDLQANAQT VLEVLRSGSA YDRV TALAAR G
<b>Source</b>	E.coli
<b>Target Names</b>	trpGD
<b>Protein Names</b>	Recommended name: Anthranilate synthase component II EC= 4.1.3.27 Including the following 2 domains: Glutamine amidotransferase Anthranilate phosphoribosyltransferase EC= 2.4.2.18
<b>Expression Region</b>	2-531
<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 of Mature 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.



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