



Recombinant Tryptophan biosynthesis protein TrpCF (trpC)

Product Code	CSB-EP845210EOD
Abbreviation	trpC
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.	Q8X7B7
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O157:H7
Purity	>85% (SDS-PAGE)
Sequence	MQTVLAKIVA DKAIWVEARK QQQPLASFQN EVQPSTRHFY DALQGARTAF ILECKKASPS KGVICDDFDP ARIAAIYKHY ASAISVLTDE KYFQGSDFDL PIVSQIAPQP ILCKDFIIDP YQIYLARYYQ ADA CLLMLSV LDDEQYRQLA AVAHSLKMGV LTEVSNEEEL ERAIALGAKV VGINNRDLRD LSIDLNRTRE LAPKLGHNVT VISESGINTY AQVRELSHFA DGFLIGSALM AHDDLHAAVR RVLLGENKVC GLTRGQDAKA AYDAGAIYGG LIFVATSPRC VNVEQAQEV M AAAPLQYVGV FRNHDIADVL DKAKVLSLVA VQLHGNEQDL YIDTLREALP AHVAIWKALS VGETLPAREL QHVDKYVLDN GQGGSGQRF D WLLNGQSLG NVLLAGGLGA DNCVEAAQTG CAGLDFNSAV ESQPGIKDAR LLASVFQTLR AY
Source	E.coli
Target Names	trpC
Protein Names	Recommended name: Tryptophan biosynthesis protein TrpCF Including the following 2 domains: Indole-3-glycerol phosphate synthase Short name= IGPS EC= 4.1.1.48 N-(5'-phospho-ribosyl)anthranilate isomerase Short name= PRA
Expression Region	1-452
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.



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