



Recombinant Escherichia coli T-protein (tyrA)

Product Code	CSB-EP357000ENV
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.	P07023
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12)
Purity	≥85% (SDS-PAGE)
Sequence	MVAELTALRD QIDEVDKALL NLLAKRLELV AEVGEVKSRF GLPIYVPERE ASMLASRRAE AEALGVPPDL IEDVLRVMMR ESYSSSENDKG FKTLCPSLRP VVIVGGGGQM GRLF EKMLTL SGYQVRILEQ HDWDRAADIV ADAGMVIVSV PIHVTEQVIG KLPPLPKDCI LVDLASVKNG PLQAMLVAHD GPVLGLHPMF GPDSGSLAKQ VVVWCDGRKP EAYQWFLEQI QVWGARLHRI SAVEHDQNMA FIQALRHFAT FAYGLHLAEE NVQLEQLLAL SSPIYRLELA MVGRLFAQDP QLYADIIMSS ERNLALIKRY YKRFGEAIEL LEQGDKQAFI DSFRKVEHWF GDYAQRQSE SRVLLRQAND NRQ
Source	E.coli
Target Names	tyrA
Protein Names	Recommended name: T-protein Including the following 2 domains: Chorismate mutase Short name= CM EC= 5.4.99.5 Prephenate dehydrogenase Short name= PDH EC= 1.3.1.12
Expression Region	1-373
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.