



Recombinant Escherichia coli O45:K1 Tryptophanase (tnaA)

Product Code	CSB-MP482652EOK
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.	B7MGC9
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O45:K1 (strain S88 / ExPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MENFKHLPEP FRIRVIEPVK RTTRAYREEA IIKSGMNPFL LDESEDFIDL LTDSGTGAVT QSMQAAMMRG DEAYSGRSY YALAESVKNI FGYQYTIPTH QGRGAEQIYI PVLIKKREQE KGLDRSKMVA FSNYFFDTTQ GHSQINGCTV RNVYIKEAFD TGVRYDFKGN FDLEGLERGI EEVGPNNVPY IVATITSNSA GGQPVSLANL KAMYSIAKKY DIPVVMDSAR FAENAYFIKQ REAEYKDWTI EQITRETYKY ADMLAMSAKK DAMVPMGGLL CMKDDSFDDV YTECRTLCVV QEGFPTYGGL EGGAMERLAV GLYDGMNLDW LAYRIAQVQY LVDGLEEIGV VCQQAGGHAA FVDAGKLLPH IPADQFPAQA LACELYKVAG IRAVEIGSFL LGRDPKTGKQ LPCPAELLRL TIPRATYTQT HMDFIIIAFK HVKENAANIK GLTFTYEPKV LRHFTAKLKE V
Source	Mammalian cell
Target Names	tnaA
Protein Names	Recommended name: Tryptophanase EC= 4.1.99.1 Alternative name(s): L-tryptophan indole-lyase Short name= TNase
Expression Region	1-471
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.