



Recombinant Escherichia coli Protein TolB (toIB)

Product Code	CSB-EP512616ENU
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.	C4ZWL5
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli (strain K12 / MC4100 / BW2952)
Purity	>85% (SDS-PAGE)
Sequence	EVRIVIDSG VDSGRPIGVV PFQWAGPGAA PEDIGGIVAA DLRNSGKFNP LDRARLPQQP GSAQEVQPAA WSALGIDAVV VGQVTPNPDG SYNVAAYQLVD TGGAPGTVLA QNSYKVNKQW LRYAGHTASD EVFEKLTGIK GAFRTRIAYV VQTNGGQFPY ELRVSDYDGY NQFVVHRSPQ PLMSPAUSPD GSKLAYVTFE SGRSALVIQT LANGAVRQVA SFPRHNGAPA FSPDGSKLAF ALSKTGSLNL YVMDLASGQI RQVTDGRSNN TEPTWFPDSQ NLAFTSDQAG RPQVYKVNIN GGAPQRITWE GSQNQDADVS SDGKFMVMVS SNGGQQHIAK QDLATGGVQV LSSTFLDETP SLAPNGTMVI YSSSQGMGSV LNLVSTDGRF KARLPATDGQ VKFPAWSPYL
Source	E.coli
Target Names	toIB
Protein Names	Recommended name: Protein TolB
Expression Region	22-430
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 of Mature 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.