



Recombinant Tryptophanase 1 (tnaA1)

Product Code	CSB-EP341194SRW-B
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.	P31014
Product Type	Recombinant Protein
Immunogen Species	Symbiobacterium thermophilum (strain T / IAM 14863)
Purity	>85% (SDS-PAGE)
Sequence	MPKGEPFKIK MVEPIRLIPR EDRERALKEA HYNPFFLRSS DVYIDLLTDS GTGAMSQFQW SAMMLGDESY AGASSYYRLK ETVTDITGYE YVIPTHQGRG AEKVAFSQLI TRPGMYVLSN MFFDTRRHV QLAGGRPVDL LIDVPTEEYH PFKGNMDTER LEQFIREHGA ENIACIVMTV TNNSAGGQPV SMANIRETYQ IARKYGVLVL FDVARYAENC HFIRMREEGY ADKHPIDIAR EMFSYGDGLM MSAKKDALVN IGLLAFRDE ELFTKVGA AV VPFEGLTYG GLAGRDLEAM AVGLREALDP DYLAIRVQV QYLGEMLRNA GIPIQWPVGG HAVFIDAAKF LPHVPWDQFP GHALTLALYL EGGVRTVEVG SLMIGRDPET GENVRGPFEF TRLAIPRRVY TNLHLEDVAE TVINAFQKRE EIRGVKFARE PKVLRHFTAW FDPA
Source	E.coli
Target Names	tnaA1
Protein Names	Recommended name: Tryptophanase 1 EC= 4.1.99.1 Alternative name(s): L-tryptophan indole-lyase 1 Short name= TNase 1
Expression Region	1-454
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.