



Recombinant Enterobacteria phage T7 DNA ligase (1.3)

Product Code	CSB-EP360604EEB
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.	P00969
Product Type	Recombinant Protein
Immunogen Species	Enterobacteria phage T7 (Bacteriophage T7)
Purity	>85% (SDS-PAGE)
Sequence	MMNIKTNPFK AVSFVESAIK KALDNAGYLI AEIKYDGVRG NICVDNTANS YWLSRVSKTI PALEHLNGFD VRWKRLNDD RCFYKDGFML DGELMVKGVD FNTGSGLLRT KWTDTKNQEF HEELFVEPIR KKDKVPFKLH TGHLHIKLYA ILPLHIVESG EDCDVMTLLM QEHVKNMLPL LQEYFPEIEW QAAESYEVYD MVELQQLYEQ KRAEGHEGLI VKDPMCIYKR GKKSQGWKMK PENEADGIIQ GLVWGTKGLA NEGKVGFEV LLESGRLVNA TNISRALMDE FTETVKEATL SQWGGFFSPYG IGDNDACTIN PYDGWACQIS YMEETPDGSL RHPSFVMFRG TEDNPQEKM
Source	E.coli
Target Names	1.3
Protein Names	Recommended name: DNA ligase EC= 6.5.1.1 Alternative name(s): Polydeoxyribonucleotide synthase [ATP]
Expression Region	1-359
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.