



Recombinant Escherichia coli O127:H6 DNA ligase (ligA)

Product Code	CSB-EP486441EOB-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.	B7UGB2
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O127:H6 (strain E2348/69 / EPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MESIEQQLIE LRTTLRHHEY LYHVMDAPEI PDAEYDRLMR ELRELETKHP ELITPDSPTQ RVGAAPLAAF SQIRHEVPML SLDNVFDEES FLAFNKRVD RLKSNEKVTW CCELKLDGLA VSILYENGLV VSAATRGDGT TGEDITSNVR TIRAIPLKLH GENIPARLEV RGEVFLPQAG FEKINEDARR TGGKVFANPR NAAAGSLRQL DPRITAKRPL TFFCYGVGVV EGGELPDTHL GRMLMQFKAWG LPVSDRVTLC ESAEEVLAFY HEVEKDRPTL GFDIDGVVVK VNSLAQQEQL GFVARAPRWA VAFKFPAAEQ MTFVRDVEFQ VGRTGAIPTV ARLEPVHVAG VLVSNATLHN ADEIERLGLR IGDKVVIRRA GDVIPQVVNV VLSERPEDTR EUVFPTHCPV CGSDVERVEG EAVARCTGGL ICGAQRKESL KHVFSRRAMD VDGMGDKIID QLVEKEYVHT PADLFKLTAV KLTGLERMGP KSAQNVVNAL EKAKETTFAR FLYALGIREV GEATAAGLAA YFGTLEALEA ASIEELQKVP DVGIVVASHV HNFFAEESNR NVISELLAEG VHWPEPIVIN AEEIDSPFAG KTVVLTGSL S QMSRDDAKAR LVELGAKVAG SVSKKTDLVI AGEAAGSKLA KAQELGIEVI DETEMLRLLG S
Source	E.coli
Target Names	ligA
Protein Names	Recommended name: DNA ligase EC= 6.5.1.2 Alternative name(s): Polydeoxyribonucleotide synthase [NAD(+)]
Expression Region	1-671
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.