



# Recombinant DNA ligase (ligA)

<b>Product Code</b>	CSB-MP834834EOD
<b>Abbreviation</b>	ligA
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q8XBL5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Escherichia coli O157:H7
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MESIEQQLTE LRTTLRHHEY LYHVMDAPEI PDAEYDRLMR ELRELETKHP ELITPDSPTQ RVGAAPLAAF SQIRHEVPML SLDNVFDEES FLAFNKRVQD RLKSNEKVTW CCELKLDGLA VSILYENGLV VSAATRGDGT TGEDITSNVR TIRAIPLKLH GENIPARLEV RGEVFLPQAG FEKINEDARR TGGKVFANPR NAAAGSLRQL DPRITAKRPL TFFCYGVGVL EGGELPDTHL GRLLQFKKWG LPVSDRVTLCSAEAEVLAFLY HKVEEDRPTL GFDIDGVVIK VNSLEQQEQL GFVARAPRWA VAFKFPAAEQ MTFVRDVEFQ VGRTGAITPV ARLEPVHVAG VLVSNATLHN ADEIERLGLR IGDKVIRRA GDVIPQVNV VLSERPEDTR EUVFPTYCPV CGSDVERVEG EAVARCTGGL ICGAQRKESL KHVFSRRAMD VDGMGDKIID QLVEKEYVHT PADLFKLTAG KLTGLERMGP KSAQNVVNAL EKAKETTFAR FLYALGIREV GEATAAGLAA YFGTLEALEA ASIEELQKVP DVGIVVASHV HNFFAEESNR NVISELLAEG VHWPAPIVIN AEEIDSPFAG KTVVLTGSL S QMSRDDAKAR LVELGAKVAG SVSKKTDLVI AGEAAGSKLA KAQELGIEVI DEAEMLRLLG S
<b>Source</b>	Mammalian cell
<b>Target Names</b>	ligA
<b>Protein Names</b>	Recommended name: DNA ligase EC= 6.5.1.2 Alternative name(s): Polydeoxyribonucleotide synthase [NAD(+)]
<b>Expression Region</b>	1-671
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Reconstitution</b>	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.
<b>Shelf Life</b>	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.