



Recombinant DNA ligase B (ligB)

Product Code	CSB-EP817883EGX
Abbreviation	ligB
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.	Q8FC83
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)
Purity	>85% (SDS-PAGE)
Sequence	MKVVMAILIS ILCWQSSAWA VCPAWSPARA QEEISRLQQQ IKQWDDDDYWK EGKSEVEDGV YDQLSARLTQ WQRCFGNETR DVMMPPPLNGA VMHPVAHTGV RKMADKNALS LWMRERSDLW VQPKVDGVAV TLVYRDGKLN KAISRGNGLK GEDWTQKVRL ISAVPQTVSG PLANSTLQGE IFLKRKGHIQ QQMGGINARA KVAGLMMRQG NSDTLNSLAV FVWAWPDGPH LMTDRLKDLA TAGFTLTQTY TRAVKNADEV AHVRNEWKKA KLPFVTDGTV VRAAKEPESR HWLPGQAEWL VAWKYQPVAQ VAEVKAIQFA VGKSGKISVV ASLAPVMLDD KKIQRVNIGS VRRWQEWDA PGDQILVSLA GQGIPRIDDV VWRGAERTKP TPPENRFNSL TCYFASDVCQ EQFISRLVWL GSKQVLGLDG IGEAGWRALH QTHRFEHIFS WLLLTPEQLQ NTPGIAKSKS AQLWHQFNLA RQQPFTRWVM AMGIPLTRAA LNASDERSWS QLLFSTEQFW QQLPGTGSGR ARQVIEWKEN AQIKKLGSWL SAQQITGFEP
Source	E.coli
Target Names	ligB
Protein Names	Recommended name: DNA ligase B EC= 6.5.1.2 Alternative name(s): Polydeoxyribonucleotide synthase [NAD(+)] B
Expression Region	1-560
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.