



Recombinant Escherichia coli O127:H6 DNA ligase B (ligB)

Product Code	CSB-EP486491EOB
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.	B7UM69
Product Type	Recombinant Protein
Immunogen Species	Escherichia coli O127:H6 (strain E2348/69 / EPEC)
Purity	≥85% (SDS-PAGE)
Sequence	MKVWMAILIS ILCWQSSSWA VCPAWSPARA QEEISRLQQQ IKQWDDDDYWK EGKSEVEDGV YDQLSARLTQ WQRCFGEETH RDAMMPPLNG AVIHPVAHTG VRKMADKIAL SLWMRERSDL WVQPKVDGVA VTLVYRDGKL NKAISRGNGL KGEDWTQKVR LISAVPQTVS GPLANSTLQG EIFLKREGHI QQQMGGINAR AKVADLMMRQ DDSDTLNSLG VFWVAWPDGP QLMTDRLKEL ATAGFTLTQT YTRAVKNADE VARVRNAWWK TKLPFVTDGV VVRAAKEPES RHWLPGQAEW LVAWKYQPVA QVAEVKAIQF AVGKSGKISV VASLAPVMLD DKKVQRVNIG SVRRWQEWNI APGDQILVSL AGQGIPRIDD VWVWGAERTK PTPPENRFNS LTCYFASDVC QEQFISRLVW LGSKQVLGLD GIGEAGWRSL HQTHRFEHIF SWLLLTPEQL QNTPGIAKSK SAQLWHQFNL ARQQPFTRWV MAMGIPLTRA ALNASDERSW SLLLLSTEQF WQQLPGTGSG RVRQVIEWKE NAQIKKLGSW LAAQQITGFE P
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	1-561
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.



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