



# Recombinant Escherichia coli O6:K15:H31 DNA ligase B (ligB)

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| <b>Product Code</b>      | CSB-YP609776EGY  |
| <b>Abbreviation</b>      | ligB   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q0TBG2   |
| <b>Product Type</b>      | Recombinant Protein  |
| <b>Immunogen Species</b> | Escherichia coli O6:K15:H31 (strain 536 / UPEC)  |
| <b>Purity</b>            | >85% (SDS-PAGE)  |
| <b>Sequence</b>          | MKVWMAILIS ILCWQSSAWA VCPAWSPARA QEEISRLQQQ IKQWDDDDYWK<br>EGESEIEDGV YDQLSARLTQ WQRCFGNEPR DAMMPPLAGT<br>VMHPVAHTGV RKLADKNALR LWMREHNDLW VQPKVDGVAV<br>TLVYRDGKLN KAISRGNGLK GEDWTQKVSL ISAVPQTVSG PLANSTLQGE<br>IFLKRKGHIQ QQMGGINARA KVAGLMMRQG NSDTLNSLAV FVWAWPDGPH<br>LMTDRLKDLA TAGFTLTQTY TRAVKNADEV AHVRNEWKKA KLPFVTDGTV<br>VRAAKEPESR HWLPGQAEWL VAWKYQPVAQ VAEVKAIQFA VGKSGKISVV<br>ASLAPVMLDD KKVQRVNIGS VRRWQEWDA PGDQILVSLA GQGIPRIDDV<br>VWRGAERTKP TPPENRFNSL TCYFASDVCQ EQFISRLVWL GSKQVLGLDG<br>IGEAGWRALH QTHRFEHIFS WLLLTPEQLQ NTPGIAKSKS AQLWHQFNLA<br>RQQPFTRWVM AMGIPLTRAA LNASDERSWS QLLFSTEQFW<br>QQLPGTGSGR ARQVIEWKEN AQIKKLGSWL AAQQITGFEP |
| <b>Source</b>            | Yeast  |
| <b>Target Names</b>      | ligB   |
| <b>Protein Names</b>     | Recommended name: DNA ligase B EC= 6.5.1.2 Alternative name(s):<br>Polydeoxyribonucleotide synthase [NAD(+)] B   |
| <b>Expression Region</b> | 1-560  |
| <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.  |



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