



# Recombinant LPS-assembly protein IptD (IptD)

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|--------------------------|---|
| <b>Product Code</b>      | CSB-EP815993EGX-B   |
| <b>Abbreviation</b>      | IptD  |
| <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>       | Q8CWE6  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC)   |
| <b>Purity</b>            | ≥85% (SDS-PAGE)   |
| <b>Sequence</b>          | ADLASQ CMLGVPSYDR PLVQGDTNDL PVTINADHAK GDYPDDAVFT<br>GSVDIMQGNLS RLQADEVQLH QKEAPGQPEP VRTVDALGNV HYDDNQVILK<br>GPKGWANLNT KDTNVWEGDY QMVGRRQGRGK ADLMKQRGEN<br>RYTILDNGSF TSCLPGSDTW SVVGSEIIHD REEQVAEIWN ARFKVGPVPI<br>FYSPYLQLPV GDKRRSGFLI PNAKYTTTTNY FEFYLPYYWN IAPNMDATIT<br>PHYMHRRGNI MWENEFYRLS QAGAGLMELD YLPSDKVYKD<br>EHPNDDSSRR WLFYWNHSGV MDQVWRFNVD YTKVSDPSYF<br>NDFDNKYGSS TDGYATQKFS VGYAVQNFNA TVSTKQFQVF SEQNTSSSYSA<br>EPQLDVNYYQ NDVGPFDTRI YGQAVHFVNT RDDMPEATRV HLEPTINLPL<br>SNNWGSINTE AKLLATHYQQ TNLDWYNSRN TTKLAESANR VMPQFKVDGR<br>MVFERDMEML APGYTQTLEP RAQYLYVPYR DQSKIYNYDS SLLQSDYSGL<br>FRDRTYGGLD RIASANQVTT GVTSRIYDDA AVERFNISVG QIYYFTESRT<br>GDDNITWEND DKTGSLVWAG DTYWRISDRW GLRGGIQYDT RLDNVATSNS<br>SIEYRRDEDR LVQLNYRYAS PEYIQTLPK YYSTAEQYKN GISQVGAVAS<br>WPIADRWSIV GAYYYDTNAN KQADSMLGVQ YSSCCYAIRV GYERKLNGLWD<br>NDKQHAVYDN AIGFNIELRG LSSNYGLGTQ EMLRSNILPY QNTL |
| <b>Source</b>            | E.coli  |
| <b>Target Names</b>      | IptD  |
| <b>Protein Names</b>     | Recommended name: LPS-assembly protein IptD Alternative name(s): Organic solvent tolerance protein  |
| <b>Expression Region</b> | 25-784  |
| <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 of Mature 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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