# Recombinant Escherichia coli O6:H1 Lipopolysaccharide export system protein LptC (lptC)
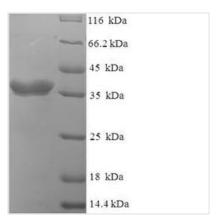
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| **Product Code** | CSB-EP360015EGXa2 |
| **Relevance** | Involved in the assbly of lipopolysaccharide (LPS). Required for the translocation of LPS from the inner mbrane to the outer mbrane. Facilitates the transfer of LPS from the inner mbrane to the periplasmic protein LptA. Could be a docking site for LptA. |
| **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.** | P0ADW0 |
| **Product Type** | Recombinant Protein |
| **Immunogen Species** | Escherichia coli O6:H1 (strain CFT073 / ATCC 700928 / UPEC) |
| **Purity** | Greater than 90% as determined by SDS-PAGE. |
| **Sequence** | MSKARRWVIIVLSLAVLVMIGINMAEKDDTAQVVVNNNDPTYKSEHTDTLVYNP EGALSYRLIAQHVEYYSDQAVSWFTQPVLTTFDKDKIPTWSVKADKAKLTNDR MLYLYGHVEVNALVPDSQLRRITTDNAQINLVTQDVTSEDLVTLYGTTFNSSGL KMRGNLRSKNAELIEKVRTSYEIQNKQTQP |
| **Lead Time** | Delivery time may differ from different purchasing way or location, please kindly consult your local distributors for specific delivery time. |
| **Research Area** | Others |
| **Source** | E.coli |
| **Gene Names** | lptC |
| **Expression Region** | 1-191aa |
| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. |
| **Tag Info** | N-terminal 6xHis-SUMO-tagged |
| **Mol. Weight** | 37.7 kDa |
| **Protein Description** | Full Length |
| **Image** | |

(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

| 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. |
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