# Recombinant Escherichia coli O6:H1 LPTC Protein (1-191 aa), His-SUMO-tagged

**Cat. No.** LPTC-2356E **Lot. No.** (See product label)

## SPECIFICATION

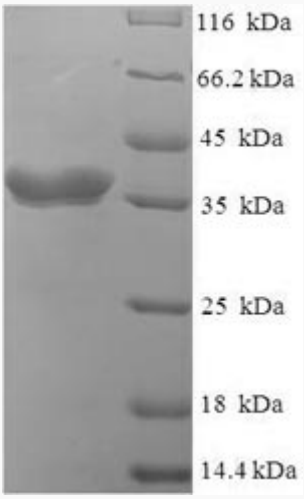
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| **Product Overview** | Recombinant Escherichia coli O6:H1 (strain CFT073/ATCC 700928/UPEC) LPTC Protein (1-191 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Protein Description: Full Length. |
| **Species** | E.coli |
| **Source** | E.coli |
| **ProteinLength** | 1-191 aa |
| **Description** | 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. |
| **Form** | Tris-based buffer,50% glycerol |
| **Molecular Mass** | 37.7 kDa |
| **AA Sequence** | MSKARRWVIIVLSLAVLVMIGINMAEKDDTAQVVVNNNDPTYKSEHTDTLVYNPEGA LSYRLIAQHVEYYSDQAVSWFTQPVLTTFDKDKIPTWSVKADKAKLTNDRMLYLYGH VEVNALVPDSQLRRITTDNAQINLVTQDVTSEDLVTLYGTTFNSSGLKMRGNLRSKN AELIEKVRTSYEIQNKQTQP |
| **Purity** | > 90% as determined by SDS-PAGE. |

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

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| **Notes** | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week. |
| **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 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade. |
| **Concentration** | A hardcopy of COA will be sent along with the products. Please refer to it for detailed information. |

## GENE INFORMATION

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| **Synonyms** | lptC; |
| **UniProt ID** | P0ADW0 |




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

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