

## Recombinant Escherichia coli (strain K12 / MC4100 / BW2952) lpxK protein, His&Myc-tagged

**Cat. No.** lpxK-4362E    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Escherichia coli (strain K12 / MC4100 / BW2952) lpxK protein(C4ZQ41)(1-328aa), fused to N-terminal His tag and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                                |
| <b>Species</b>          | E.coli                                                                                                                                                                                                                                                                                                                                                  |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 1-328aa                                                                                                                                                                                                                                                                                                                                                 |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                                                      |
| <b>Molecular Mass</b>   | 43.0 kDa                                                                                                                                                                                                                                                                                                                                                |
| <b>AA Sequence</b>      | MIEKIWSGESPLWRLLLPLSWLYGLVSGAIRLCYKLLKRAWRAPVPVWVGNLTAG<br>GNGKTPVVVWLVEQLQQRGIRVGVVSRGYGGKAESYPLLLSADTTTAQAGDEPVL<br>YQRTDAPVAVSPVRSDAVKAILAQHPDVQIIVTDDGLQHYRLARNVEIVIDGVRRFG<br>NGWWLPAGPMRERAGRLKSVDIVVNGGVPRSGEIPMHLLPGQAVNLRTGTRCDV<br>AQLEHVVAMAGIGHPPRFFATLKMCGVQPEKCVPLADHQSLNHADVSAVLSAGQTL<br>VMTEKDAVKCRAFAEENWWYLPVDAQLSGDEPAKLLTQLTLLASGN |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                             |

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**Storage**

Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.

**Reconstitution**

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.

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