

## Recombinant E. coli FAB1 Protein, His-tagged

**Cat. No.** FAB1-784E    **Lot. No.** (See product label)

### SPECIFICATION

|                             |                                                                                                                                                                                               |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>     | Recombinant E.coli FAB1 (NP_287908.1) (Gly 2-Lys 262) was expressed, with a polyhistidine tag at the N-terminus.                                                                              |
| <b>Species</b>              | E.coli                                                                                                                                                                                        |
| <b>Source</b>               | E.coli                                                                                                                                                                                        |
| <b>ProteinLength</b>        | 2-262 a.a.                                                                                                                                                                                    |
| <b>Predicted N Terminal</b> | Met                                                                                                                                                                                           |
| <b>Form</b>                 | Lyophilized from sterile 20mM Tris 0.5M NaCl, 10% glycerol, pH 7.5, 5% ~ 8% trehalose and mannitol.                                                                                           |
| <b>Molecular Mass</b>       | The recombinant E.coli FAB1 consisting of 276 amino acids and has a calculated molecular mass of 29.5 kDa. It migrates as an approximately 33 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>            | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                               |
| <b>Purity</b>               | >98 % as determined by SDS-PAGE                                                                                                                                                               |
| <b>Stability</b>            | Samples are stable for up to twelve months from date of receipt at -70°C.                                                                                                                     |
| <b>Storage</b>              | Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be                                                                                                       |

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aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution**

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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