

# Recombinant Escherichia coli ELTB Protein (22-124 aa), His-tagged

**Cat. No.** ELTB-2353E    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                              |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Escherichia coli ELTB Protein (22-124 aa) is produced by E. coli expression system. This protein is fused with a 6xHis tag at the N-terminal and C-terminal. Protein Description: Full Length of Mature Protein. |
| <b>Species</b>          | E.coli                                                                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 22-124 aa                                                                                                                                                                                                                    |
| <b>Description</b>      | The biological activity of the toxin is produced by the A chain, which activates intracellular adenyl cyclase.                                                                                                               |
| <b>Form</b>             | Tris-based buffer,50% glycerol                                                                                                                                                                                               |
| <b>Molecular Mass</b>   | 17 kDa                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | APQSITELCSEYHNTQIYTINDKILSYTESMAGKREMVIITFKSGATFQVEVPGSQHID<br>SQKKAIERMKDTRLRITYLTETKIDKLCVWNNKTPNSIAAISMEN                                                                                                                 |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                             |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                 |

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**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

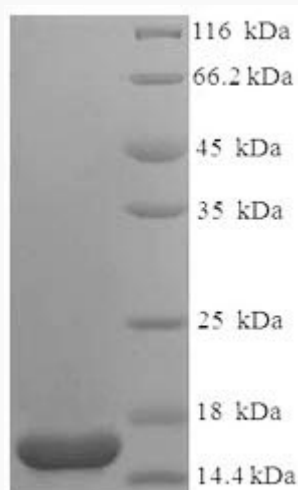
**Gene Name** eltB heat-labile enterotoxin B subunit [ *Escherichia coli* ETEC H10407 ]

**Official Symbol** ELTB

**Synonyms** eltB;

**Gene ID** 8571464

**UniProt ID** P0CK94



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

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