

# Recombinant Clostridium Acetobutylicum CTFB Protein (1-221 aa), His-Myc-tagged

**Cat. No.** CTFB-2649C    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Clostridium Acetobutylicum (strain ATCC 824/DSM 792/JCM 1419/LMG 5710/VKM B-1787) CTFB Protein (1-221 aa) is produced by E. coli expression system. This protein is fused with a 10xHis tag at the N-terminal and a Myc tag at the C-terminal. Research Area: Epigenetics and Nuclear Signaling. Protein Description: Full Length. |
| <b>Species</b>          | Clostridium Acetobutylicum                                                                                                                                                                                                                                                                                                                     |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-221 aa                                                                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | Tris-based buffer,50% glycerol                                                                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 30.6 kDa                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MINDKNLAKEIIAKRVARELKNGQLVNLGVGLPTMVADYIPKNFKITFQSENGIVGMG<br>ASPKINEADKDVVNAGGDYTTVLPDGTFFDSSVSFSLIRGGHVDVTVL GALQVDEKG<br>NIANWIVPGKMLSGMGGAMDLVNGAKKVIIAMRHTNKGQPKILKKCTLPLTAKSQAN<br>LIVTELGVIEVINDGLLLTEINKNTTIDEIRSLTAADLLISNELRPMAY                                                                                                     |
| <b>Purity</b>           | > 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                               |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4                                                                                                                                                                                                                                                                  |

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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

**Gene Name**

ctfb butyrate-acetoacetate COA-transferase subunit B [ Clostridium acetobutylicum ATCC 824 ]

**Official Symbol**

CTFB

**Synonyms**

ctfB;

**Gene ID**

1116169

**Protein Refseq**

NP\_149327

**UniProt ID**

P23673

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