

## Recombinant Human TCEB2 protein, His-tagged

**Cat. No.** TCEB2-3078H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human TCEB2 protein(1-118 aa), fused to His tag, was expressed in E. coli.                                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-118 aa                                                                                                                                                                                                                                                                            |
| <b>Form</b>             | The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole. |
| <b>AA Sequence</b>      | MDVFLMIRRHKTTIFTDAKESSTVFELKRIVEGILKRPPDEQRLYKDDQLDDGKTLG<br>ECGFTSQTARPQAPATVGLAFRADDTFEALCIEPFSSPPELPDVMKPQDSGSSANE<br>QAVQ                                                                                                                                                       |
| <b>Purity</b>           | 85%, by SDS-PAGE with Coomassie Brilliant Blue staining.                                                                                                                                                                                                                            |
| <b>Storage</b>          | Short-term storage: Store at 2-8°C for (1-2 weeks).<br>Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.                                                |
| <b>Reconstitution</b>   | Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.                                                                                                                                                                                                           |

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | TCEB2 transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B) [ Homo sapiens ]                                                                                                                                                                                                                                                                                                               |
| <b>Official Symbol</b> | TCEB2                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Synonyms</b>        | TCEB2; transcription elongation factor B (SIII), polypeptide 2 (18kDa, elongin B); transcription elongation factor B (SIII), polypeptide 2 (18kD, elongin B); transcription elongation factor B polypeptide 2; SIII; SIII p18; elongin-B; elongin 18 kDa subunit; elongin, 18-kD subunit; RNA polymerase II transcription factor SIII subunit B; RNA polymerase II transcription factor SIII p18 subunit; ELOB; |
| <b>Gene ID</b>         | 6923                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>mRNA Refseq</b>     | NM_007108                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Protein Refseq</b>  | NP_009039                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>MIM</b>             | 600787                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>UniProt ID</b>      | Q15370                                                                                                                                                                                                                                                                                                                                                                                                          |

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