

## Recombinant Human CCT4 protein, GST-tagged

**Cat. No.** CCT4-3698H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CCT4 protein(108-407 aa), fused to GST tag, was expressed in E. coli.                                                                                                                                                                                                                                    |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 108-407 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, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.                                               |
| <b>AA Sequence</b>      | SVVIIAGSLLDCKLLQKGIHPTIISSEFQKALEKGIEILTDMSRPVELSDRETLNLSAT<br>TSLNSKVVSQYSSLLSPMSVNAVMMKVIDPATATSVDLRDIKIVKKLGGTIDDCELVEG<br>LVLTQKVSNSGITRVEKAKIGLIQFCLSAPKTDMDNQIVVSDYAQMDRVLRERAYIL<br>NLVKQIKKTGCNVLLIQKSILRDALSDALHFLNKMIMVIKDIEREDIEFICKTIGTKPV<br>AHIDQFTADMLGSAELAEVNLNGSGKLLKITGCASPGKTVTIVVRGSNKLVEEAER<br>SIHD |
| <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                                                                                               |

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cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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

## GENE INFORMATION

**Gene Name**

CCT4 chaperonin containing TCP1, subunit 4 (delta) [ Homo sapiens ]

**Official Symbol**

CCT4

**Synonyms**

CCT4; chaperonin containing TCP1, subunit 4 (delta); T-complex protein 1 subunit delta; Cctd; TCP-1-delta; stimulator of TAR RNA-binding; chaperonin containing t-complex polypeptide 1, delta subunit; SRB; CCT-DELTA; MGC126164; MGC126165;

**Gene ID**

10575

**mRNA Refseq**

NM\_001256721

**Protein Refseq**

NP\_001243650

**MIM**

605142

**UniProt ID**

P50991

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