

## Recombinant Human CFI protein(239-316aa), His-GST&Myc-tagged

**Cat. No.** CFI-2741H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                    |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CFI protein(P05156)(239-316aa), fused with N-terminal His and GST and C-terminal Myc tag, was expressed in E. coli.                                                                                                                                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                              |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                             |
| <b>ProteinLength</b>    | 239-316aa                                                                                                                                                                                                                                                                                                          |
| <b>Form</b>             | If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.                                                                                 |
| <b>Molecular Mass</b>   | 43.4 kDa                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>           | Greater than 85% as determined by SDS-PAGE.                                                                                                                                                                                                                                                                        |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                     |
| <b>Reconstitution</b>   | We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**AA Sequence**

KACDGINDCGDQSDCLCKACQGKGFHCKSGVCIPSQYQCNGEVDCITGEDEVGC  
AGFASVTQEETEILTADMDAERR

**GENE INFORMATION**
**Gene Name**

CFI complement factor I [ Homo sapiens ]

**Official Symbol**

CFI

**Synonyms**

CFI; complement factor I; I factor (complement) , IF; C3b INA; C3b inactivator; FI;  
KAF; Konglutinogen activating factor; C3b-inactivator; C3B/C4B inactivator;  
complement component I; light chain of factor I; Konglutinogen-activating factor;  
complement factor I heavy chain; complement control protein factor I; IF; AHUS3;  
C3BINA; C3b-INA;

**Gene ID**

3426

**mRNA Refseq**

NM\_000204

**Protein Refseq**

NP\_000195

**MIM**

217030

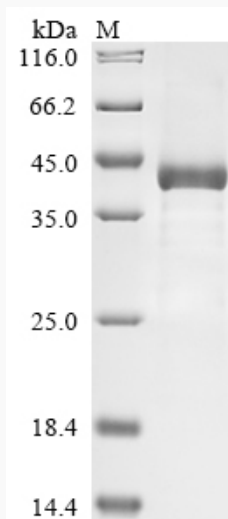
**UniProt ID**

P05156

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**SDS-PAGE**

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