

# Recombinant Rat Cfh protein, His-tagged

**Cat. No.** Cfh-643R    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Rat Cfh aa. (Ala975~Ser1217 (Accession # G3V9R2)) fused with N-terminal His tag was produced in E. coli cells.                                                |
| <b>Species</b>          | Rat                                                                                                                                                                       |
| <b>Source</b>           | E.coli                                                                                                                                                                    |
| <b>ProteinLength</b>    | Ala975~Ser1217                                                                                                                                                            |
| <b>Description</b>      | Regulator of complement cascade activation.                                                                                                                               |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                       |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 28.7kDa                                                                                                                                         |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                                                                              |
| <b>Purity</b>           | >95%                                                                                                                                                                      |
| <b>Characteristic</b>   | The isoelectric point is 8.8.                                                                                                                                             |
| <b>Applications</b>     | SDS-PAGE; WB; ELISA; IP                                                                                                                                                   |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, |

 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

and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

**Storage buffer**

Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

**Reconstitution**

Reconstitute in sterile PBS, pH7.2-pH7.4.

## GENE INFORMATION

**Gene Name**

Cfh complement factor H [ *Rattus norvegicus* (Norway rat) ]

**Official Symbol**

Cfh

**Synonyms**

Cfh; complement factor H; Fh; AMBP1; AMBP-1; complement factor H; adrenomedullin binding protein-1; complement component factor H; complement inhibitory factor H; platelet complement factor H

**Gene ID**

155012

**mRNA Refseq**

NM\_130409.2

**Protein Refseq**

NP\_569093.2

**UniProt ID**

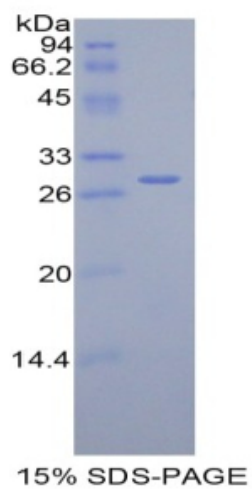
G3V9R2

 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

SDS-PAGE



 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