

## Recombinant Rhesus monkey CFB Protein, His-tagged

Cat. No. CFB-757R    Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rhesus monkey CFB Protein (Asn270-Thr388) with His tag was expressed in E. coli.
<b>Species</b>	Rhesus macaque
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn270-Thr388
<b>Description</b>	Predicted to enable serine-type endopeptidase activity. Acts upstream of or within complement activation, alternative pathway. Predicted to be located in extracellular region. Is expressed in embryo and liver lobe. Human ortholog(s) of this gene implicated in several diseases, including atypical hemolytic-uremic syndrome; autoimmune disease (multiple); eye disease (multiple); glomerulonephritis (multiple); and sickle cell anemia. Orthologous to human CFB (complement factor B).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 14.6 kDa; Accurate Molecular Mass: 15 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, 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 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

## GENE INFORMATION

**Gene Name**

CFB complement factor B [ *Macaca mulatta* (Rhesus monkey) ]

**Official Symbol**

CFB

**Synonyms**

CFB; complement factor B; complement factor B; complement factor B preproprotein; EC 3.4.21.47

**Gene ID**

716809

**mRNA Refseq**

XM\_015136029

**Protein Refseq**

XP\_014991515

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