

Recombinant Rhesus monkey CFB Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rhesus monkey CFB Protein (Asn270-Thr388) with His tag was expressed in E. coli.
Species	Rhesus macaque
Source	E.coli
ProteinLength	Asn270-Thr388
Description	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).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 14.6 kDa; Accurate Molecular Mass: 15 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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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