

Recombinant Mouse Cfb Protein, His-tagged

Cat. No. Cfb-759M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Cfb Protein (Thr25-Arg258) with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Thr25-Arg258
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: 29.7 kDa; Accurate Molecular Mass: 33 kDa
Purity	> 90%
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

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Cfb complement factor B [*Mus musculus* (house mouse)]

Official Symbol

Cfb

Synonyms

CFB; complement factor B; Factor B; properdin; C3/C5 convertase; complement component 2 (within H-2S); alternative-complement pathway C3/C5 convertase; histocompatibility 2, complement component factor B; B; Bf; C2; Fb; H2-Bf; AI195813; AI255840;

Gene ID

14962

mRNA Refseq

NM_001142706

Protein Refseq

NP_001136178

UniProt ID

P04186

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