

Complement Factor B (CFB) Active Protein | CFB active protein

Active Complement Factor B (CFB)

CATALOG # AAA153109	HOST E coli	APPLICATIONS Activity Assay, Cell Culture
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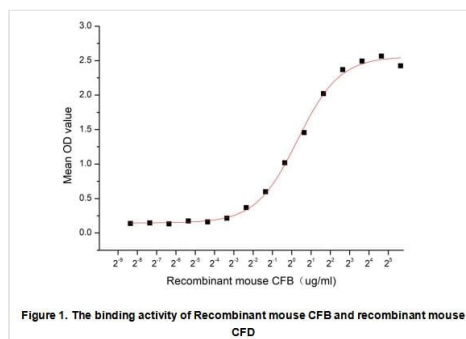
PRODUCT SYNONYMS

Complement Factor B (CFB); Active Complement Factor B (CFB); Complement Factor B; CFB active protein (prokaryotic); Mouse; CF-B; BF; BFD; CFAB; GBG; H2-Bf; PBF2; B-Factor; Properdin; Properdin factor B; C3/C5 convertase; Glycine-rich beta glycoprotein; CFB active protein

PRODUCT SPECIFICATIONS

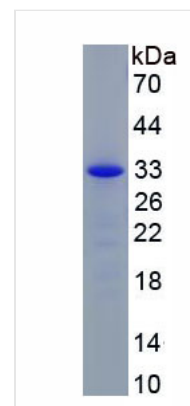
Host	E coli
Purity/Purification	Greater than 90% by SDS-PAGE
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose. Freeze-dried powder
Sequence Positions	Thr25~Arg258
Applicable Applications for CFB active protein	Activity Assay, Cell Culture
Expression System	Prokaryotic expression
Species	Mouse
Tag	N-terminal His
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.1
Research Area	Infection immunity
Preparation and Storage	Store at 2-8 degree C for one month, -80 degree C for 12 months Stable for 12 months if correctly stored.

IMAGES



Bioactivity

Complement factor B (CFB), a 95-kDa protein, is a crucial catalytic element of the alternative pathway (AP) of complement. After binding of CFB to C3b, activation of the AP depends on the proteolytic cleavage of CFB by factor D to generate the C3 convertase.



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

Product Categories/Family for CFB active protein	Active proteins
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NCBI AND UNIPROT INFORMATION

NCBI GI #	192414
NCBI GeneID	14962
UniProt Accession #	P04186
Molecular Weight	85,004 Da
NCBI Official Full Name	factor B
NCBI Official Synonym Full Names	complement factor B
NCBI Official Symbol	Cfb
NCBI Official Synonym Symbols	B; Bf; C2; Fb; H2-Bf; AI195813; AI255840
NCBI Protein Information	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
UniProt Protein Name	Complement factor B
UniProt Gene Name	Cfb
UniProt Synonym Gene Names	Bf; H2-Bf
UniProt Entry Name	CFAB_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/complement-factor-b-cfb/153109>