

Recombinant Human CFB Protein

Catalog #	Source	Reactivity	Applications
CRP1291	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human CFB Protein is produced by our mammalian expression system and the target gene encoding Thr26-Leu764 is expressed with a 6His tag at the C-terminus.

Form Liquid in a 0.2 µM filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.

Gene Symbol CFB

Alternative Names BF; BFD; Complement factor B; C3/C5 convertase; Glycine-rich beta glycoprotein; GBG; PBF2; Properdin factor B

Entrez Gene 629 (Human)

SwissProt P00751 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure TPWSLAWPQG SCSLEGVEIK GGSFRLQEG QALEYVCPSPG FYPYPVQTRT CRSTGSWSTL
 KTQDQKTVRK AECRAIH CPR PHDFENGEYW PRSPYINVSD EISFHCYDGY TLRGSANRTC
 QVNGRWSGQT AICDNGAGYC SNPGIPIGTR KVGSQYRLED SVTYHCSRGL TLRGSQRRTC
 QEGGSWSGTE PSCQDSFMYD TPQEVAAEFL SSLTETIEGV DAEDGHGPGE QQKRKIVLDP
 SGSMNIYLV L DGSDSIGASN FTGAKKCLVN LIEKVASYGV KPRYGLV TYA TYPKIWVKVS
 EADSSNADWV TKQLNEINYE DHKLSGTNT K KALQAVYSM MSWPDDVPPE
 GWNRTRHVII LMTDGLHNMG GDPITVIDEI RDLLYIGKDR KNPREDYLDV YVFGVGPLVN
 QVNINALASK KDNEQHVFVKV KDMENLEDVF YQMIDESQSL SLCGMVWEHR
 KGTDYHKQPW QAKISVIRPS KGHESCMGAV VSEYFVLTA A HCFTVDDKEH SIKVSVGGEK
 RDLEIEVVL F HPNYNINGKK EAGIPEFYDY DVALIKLKNK LKYGQTIRPI CLPCTEGTTR
 ALRLPPTTTC QQQKEELLPA QDIKALFVSE EEKKLTRKEV YIKNGDKKGS CERDAQYAPG

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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Product Data Sheet

YDKVKDISEV VTPRFLCTGG VSPYADPNTC RGDSGGPLIV HKRSRFIQVG VISWGVVDVC

KNQKRQKQVP AHARDFHINL FQVLPWLKEK LQDEDLGFLV DHHHHHH

Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

Directions for Use

Always centrifuge tubes before opening. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage/Stability

Store it at -20°C to -80°C for one year.

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