

Complement Factor B Human Recombinant

Item Number	rAP-3070
Synonyms	Complement factor B (EC:3.4.21.47), C3/C5 convertase, Glycine-rich beta glycoprotein, GBG, PBF2, Properdin factor B, Complement factor B Ba fragment, Complement factor B Bb fragment, CFB, Complement Factor B, BFD, AHUS4, BF, BFD, CFAB, FB, FBI12, H2-Bf.
Description	CFB Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 528 amino acids (260-764) and having a molecular mass of 59.4 kDa. CFB is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P00751
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSKIVLDPS GSMNIYLVLD GSDSIGASNF TGAKKCLVNL IEKVASY-GVK PRYGLVTYAT YPKIWVKVSE ADSSNADWVT KQLNEINYED HKLKGSGNTNK KALQAVYSMM SWPDDVPPEG WNRTRHVIL MTDGLHNMGG DPITVIDEIR DLLYIGKDRK NPREDYLDVY VFGVG-PLVNQ VNINALASKK DNEQHVFVKV DMENLEDVFY QMIDESQSLs LCGMVWEHRK GTDYHKQPWQ AKISVIRPSK GHESCMGAVV SEYFVLTAAH CFTVDDKEHS IKVSVGGEKR DLEIEVVLFH PNYNINGKKE AGIPEFYDYD VALIKLKNKL KYGQTIRPIC LPCTEGTTRA LRLPPTTCQ QQKEELLPAQ DIKALFVSEE
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The CFB solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M UREA and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**