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32-13748: CFB Human, Native

Format :	CFB protein solution contains 10mM Sodium phosphate and 145mM NaCl, pH 7.2.
Alternative Name :	CFB, C3/C5 convertase, Glycine-rich beta glycoprotein, GBG, PBF2, Properdin factor B, BF, BFD, AHUS4, ARMD14, CFAB, CFBD, FB, FBI12, GBG, H2-Bf.

Description

Source:Human Plasma.
Physical Appearance:Sterile filtered solution.
Biological Activitynull
Complement Factor B, also known as CFB, encodes complement factor B which is a component of the alternative pathway of complement activation. Factor B circulates in the blood as a single chain polypeptide. Once the alternative pathway is activated it is cleaved by complement factor D yielding the noncatalytic chain Ba and the catalytic subunit Bb. The active subunit Bb is a serine protease which connects with C3b to form the alternative pathway C3 convertase. Also, Bb is involved in the proliferation of preactivated B lymphocytes, while Ba inhibits their proliferation.
Human Complement Factor B produced in Human plasma is glycosylated polypeptide chain having a total molecular mass of 93kDa.

Product Info

Amount :	100 µg / 20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Storage condition :	CFB Human is stable at 4°C if entire vial will be used within 2-4 weeks.Store, frozen below -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.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.