9051 Mira Mesa Blvd, #910094
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CFP Human, Native

Complement Factor Properdin Human
RCP0413

Product Overview

Name	CFP Human, Native
Description	
Complement Factor Properdin Human	
Accession (Primary)	P27918
Synonyms	
Properdin, Complement factor P, CFP, PFC, Complement factor properdin, BFD, PFD, Properdin.	
Introduction	
Complement Factor Properdin (CFP) which is a plasma glycoprotein, is a positive regulator of the alternative complement pathway of the innate immune system. CFP binds and stabilizes the C3- and C5-convertase enzyme complexes in a feedback loop that eventually ends with formation of the membrane attack complex and lysis of the target cell. Mutations in CFP lead to 2 forms of properdin deficiency that cause high susceptibility to meningococcal infections.	
Source	
Human Plasma.	
Physical Appearance	
Sterile filtered solution.	
Formulation	
CFP solution contains 10mM Sodium phosphate and 145mM NaCl, pH 7.3.	
Stability	
CFP 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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Human Virus Test	
Plasma from each donor has been tested and found negative for antibody to HIV-1, HIV-2, HCV, HTLV-I &II, STS and HBSAG.	
Precautions	

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CFP Human, Native is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P27918)