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## Product Data Sheet

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Product Name: CFP Human, Native  
Cat. No.: GP26256  
Batch No.: 1

### Product Data

Purity	>98%	Source	Human Plasma.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	Properdin, Complement factor P, CFP, PFC, Complement factor properdin, BFD, PFD, Properdin.		
Formulation	CFP solution contains 10mM Sodium phosphate and 145mM NaCl, pH 7.3.		

### 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.

### 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.

### Background

CFP Human produced in Human plasma having a molecular weight of 53kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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