

Recombinant Human CFP, His-tagged

Cat. No. CFP-2908H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	The protein was expressed as 6*his-tagged fusion protein by E.Coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	120-469aa
Description	This gene encodes a plasma glycoprotein that positively regulates the alternative complement pathway of the innate immune system. This protein binds to many microbial surfaces and apoptotic cells and stabilizes the C3- and C5-convertase enzyme complexes in a feedback loop that ultimately leads to formation of the membrane attack complex and lysis of the target cell. Mutations in this gene result in two forms of properdin deficiency, which results in high susceptibility to meningococcal infections. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Source	E. coli
Species	Human
Tag	His
Storage	The protein is stored in PBS buffer at -20 oC. Repeated freeze-thaw cycles should be

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avoided.

Storage Buffer

1M PBS (58mM Na₂HPO₄, 17mM NaH₂PO₄, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name

CFP?complement factor properdin [?Homo sapiens?(human)]

Official Symbol

CFP

Synonyms

CFP; BFD; PFC; PFD; PROPERDIN; complement factor properdin; properdin; complement factor P; properdin P factor, complement

Gene ID

5199

mRNA Refseq

NM_001145252

Protein Refseq

NP_001138724

MIM

300383

UniProt ID

P27918

Chromosome Location

Xp11.4

Pathway

Herpes simplex infection

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