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 puri?ed 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 bu?er at -20 oC. Repeated freezethaw 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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