

## Recombinant Human CFP Protein, GST-Tagged

**Cat. No.** CFP-1179H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human CFP full-length ORF (AAH15756.1, 1 a.a. - 469 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	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.[provided by RefSeq, Feb 2009]
<b>Molecular Mass</b>	77.33 kDa
<b>AA Sequence</b>	MITEGAQAPRLLLPLLLLLLTPATGSDPVLCFTQYEESSGKCKGLLGGGVSVEDCC LNTAFAYQKRSGGLCQPCRSRWSLWSTWAPCSVTCSEGSQRLRYRRCVGNWNGQ CSGKVAPGTLEWQLQACEDQQCCPEMGGWSGWGPWEPCSVTCSKGTRTRRRRA CNHPAPKCGGHCPGQAQESEACDTQQVCPHGWATWGPWTPCSASCHGGPHE PKETRSRKCSAPEPSQKPPGKPCPLAYEQRRCTGLPPCPVAGGWGPWGPVSPC PVTGGLGQTMEQRTCNHPVPQHGGPFCAGDATRTHICNTAVPCPVDGEWDSWGE

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WSPCIRRNMKSISCQEIPGQQSRGRTCRGRKFDGHCAGQQQDIRHCYSIQHCPL  
KGSWSEWSTWGLCMPPCGPNPTRARQLCTPLLPKYPTVSMVEGQGEKNVTFW  
GRPLPRCEELQGQKLVVEEKRPCLHVPACKDPEEEEL

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	CFP complement factor properdin [ Homo sapiens ]
<b>Official Symbol</b>	CFP
<b>Synonyms</b>	CFP; complement factor properdin; PFC, properdin P factor, complement; properdin; complement factor P; properdin P factor, complement; BFD; PFC; PFD; PROPERDIN;
<b>Gene ID</b>	5199
<b>mRNA Refseq</b>	NM_001145252
<b>Protein Refseq</b>	NP_001138724
<b>MIM</b>	300383

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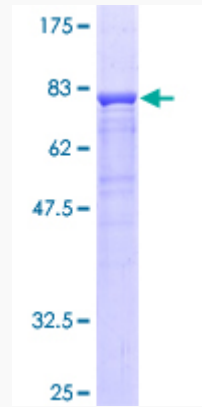
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UniProt ID

P27918

Quality Control  
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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