



本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

CFP, 28-469aa, Human, His tag, E.coli

产品货号: TP01595

第三版

别名: Complement factor properdin, BFD, PFC, PFD, PROPERDIN

描述: CFP is 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. Recombinant human CFP protein, fused to His-tag at N-terminus, was expressed in E.coli.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

分子量: 50.9 kDa (465aa)

序列:

MGSSHHHHHHSSGLVPRGSHMGSDPVLCFTQYEESGKCKGLLGGGVSVEDCCLNTAFAYQKRSGGLCQPCRSRWSL
WSTWAPCSVTCSEGSQRLRYRRCVWNGQC SGKVAPGTLEWQLQACEDQQCCPEMGGWSGWGPWEPCSVTCSKGTR
TRRRACNHPAPKCGGHCPGQAQSEACDTQQVCPTHGAWATWGPWTPCSASCHGGPHEPKETR SRKCSAPEPSQKPP
GKPCPGLAYEQRRCTGLPPCPVAGGWGPWGPVSPCVTCGLGQTMEQRTCNHPVPQHGGPFCAGDATRTHICNTAVP
CPVDGEWDSWGEWSPCIRRNMKSISCQEIPGQQSRGRTCRGRKFDGHR CAGQQDIRHCYSIQHCPLKGSWSEWSTW
GLCMPPCGPNPTRARQLCTPLLPKYPTVSMVEGQGEKNVTFWGRPLPRCEELQGQKLVVEEKRPCLHVPACKDPEEE
EL

纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.