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CFB-Bb, 260-764aa, Human, His tag, E.coli

产品货号: TP01590

第三版

别名: complement factor B, AHUS4, BF, BFD, CFAB, FB, FBI12, GBG, H2-Bf, PBF2

描述: CFB encodes complement factor B, a component of the alternative pathway of complement activation. Factor B circulates in the blood as a single chain polypeptide. Upon activation of the alternative pathway, it is cleaved by complement factor D yielding the noncatalytic chain Ba and the catalytic subunit Bb. The active subunit Bb is a serine protease which associates with C3b to form the alternative pathway C3 convertase. Bb is involved in the proliferation of preactivated B lymphocytes, while Ba inhibits their proliferation. Recombinant human CFB-Bb 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: 59.4kDa (528aa)

序列:

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MGSSHHHHHSSGLVPRGSHMGSKIVLDPSGSMNIYLVLDGSDSIGASNFTGAKKCLVNLIKVASYGVKPRYGLVITYAT
YPKIWVKVSEADSSNADWVTKQLNEINYEDHKLKSGTNTKKALQAVYSMMSWPDDVPPEGWNRTRHVIILMTDGLHN
MGGDPITVIDEIRDLLYIGKDRKNPREDYLDVYVFGVGPLVNQVNINALASKKDNEQHVFVKDMENLEDVIFYQMIDES
QSLSLCGMVWEHRKGTDYHKQPWQAKISVIRPSKGHESCMGAVVSEYFVLTAHCFVTDDKEHSIKVSVGGEKRDLEIE
VVLFHPNYNINGKKEAGIPEFYDYDVALIKLKNKLYGQTIRPICLPCTEGTTRALRLPPTTTCCQQKEELLPAQDIKALFVS
EEEKLRKEVYIKNGDKKGCERDAQYAPGYDKVKDISEVVTPRFLCTGGVSPYADPNTCRGDSGGPLIVHKRSRFIQVG
VISWGVVDVCKNQKRQKQVPAHARDFHINLFQVLPWLKEKLQDEDLGFL
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纯度: > 95% by HPLC

浓度: 1.0 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.